

## Rabbit CD120b Polyclonal Antibody | anti-CD120b antibody

RABBIT ANTI HUMAN CD120b

| CATALOG # | HOST   | APPLICATIONS                                              |
|-----------|--------|-----------------------------------------------------------|
| AAA50074  | Rabbit | Western Blot, Immunofluorescence, Functional Assay, ELISA |

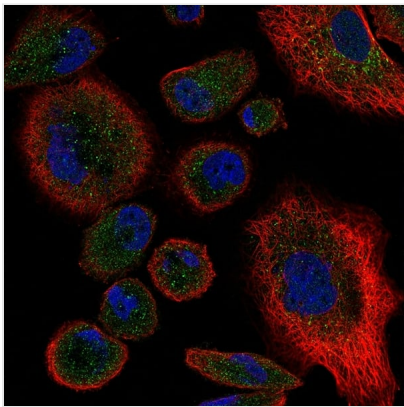
### PRODUCT SYNONYMS

CD120b; Polyclonal Antibody; RABBIT ANTI HUMAN CD120b; anti-CD120b antibody

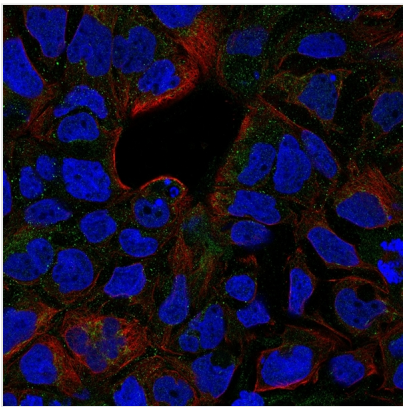
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                                          | IgG                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                      | Purified<br>Purified IgG - lyophilised                                                                                                                                                                                                                                                                                                                                                                |
| Concentration                                    | IgG concentration 1.0mg/ml after reconstitution (varies by lot)                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                                  | 461                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-CD120b antibody | WB (Western Blot), IF (Immunofluorescence), FA (Functional Assay), ELISA                                                                                                                                                                                                                                                                                                                              |
| Reconstitution                                   | Reconstitute with 0.1ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended. N.B. For functional studies do not add sodium azide                                             |
| Immunogen                                        | Recombinant human CD120b.<br>Buffer Solution                                                                                                                                                                                                                                                                                                                                                          |
| Antiserum Preparation                            | Antiserum to human CD120b were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.                                                                                                                                                                                                                        |
| Target Species                                   | Human                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                          | Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution. |

IMAGES



**Application Data**  
Immunofluorescent staining of PC3 cells with Rabbit anti Human CD120b , green.  
Counterstained with actin, red and nuclei, blue



**Application Data**  
Immunofluorescent staining of CaCo-2 cells with Rabbit anti Human CD120b , green.  
Counterstained with actin, red and nuclei, blue

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CD120b antibody</b> | Rabbit anti human CD120b recognizes the soluble form of human CD120b, otherwise known as sTNF receptor type II (sTNFR1I), a member of the tumour necrosis factor receptor (TNFR) superfamily, produced by proteolytic cleavage of the membrane form by the metalloprotease TACE. CD120b plays a key role in regulating the inflammatory response, acting as a receptor for both tumour necrosis factor alpha (TNF-alpha) and TNF-beta, and is also involved in programmed cell death and anti-viral activity. sTNFR1I acts as an inhibitor of TNF-alpha induced responses, by acting as a decoy receptor. |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507577                                                                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 7133                                                                                                                                                                                                                                                                                              |
| NCBI Accession #                 | NP_001057.1                                                                                                                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_001066.2                                                                                                                                                                                                                                                                                       |
| UniProt Accession #              | P20333; Q16042; Q6YI29; Q9UIH1; B1AJZ3                                                                                                                                                                                                                                                            |
| Molecular Weight                 | 28,461 Da                                                                                                                                                                                                                                                                                         |
| NCBI Official Full Name          | tumor necrosis factor receptor superfamily member 1B                                                                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | tumor necrosis factor receptor superfamily, member 1B                                                                                                                                                                                                                                             |
| NCBI Official Symbol             | TNFRSF1B                                                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | p75; TBP1I; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II                                                                                                                                                                                                                      |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 1B; TNF-R2; TNF-R1I; p75 TNF receptor; p80 TNF-alpha receptor; soluble TNFR1B variant 1; tumor necrosis factor beta receptor; tumor necrosis factor binding protein 2; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 1B                                                                                                                                                                                                                                              |
| UniProt Gene Name                | TNFRSF1B                                                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | TNFBR; TNFR2; TNF-R2; TNF-R1I; TNFR-II                                                                                                                                                                                                                                                            |
| UniProt Entry Name               | TNR1B_HUMAN                                                                                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

