

## Rabbit anti-Human TNFRSF6B Polyclonal Antibody | anti-TNFRSF6B antibody

TNFRSF6B Antibody (N-term)

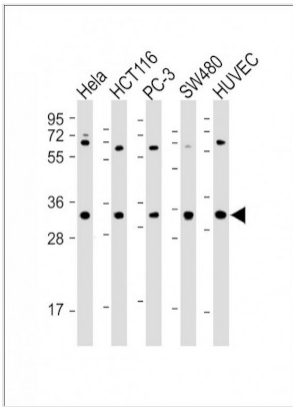
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA286862 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

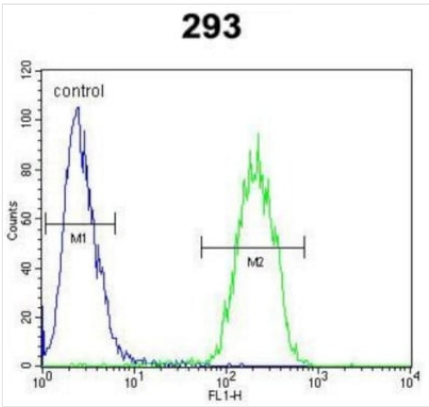
TNFRSF6B; Polyclonal Antibody; TNFRSF6B Antibody (N-term); Tumor necrosis factor receptor superfamily member 6B; Decoy receptor 3; DcR3; Decoy receptor for Fas ligand; M68; DCR3; TR6; anti-TNFRSF6B antibody

### PRODUCT SPECIFICATIONS

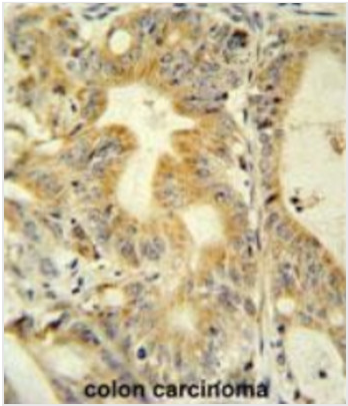
|                                                    |                                                                                                                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                         | Human                                                                                                                                                                                                                                              |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                            | IgG                                                                                                                                                                                                                                                |
| Specificity                                        | This TNFRSF6B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-48 amino acids from the N-terminal region of human TNFRSF6B.                                                                         |
| Purity/Purification                                | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                                                                                                   |
| Form/Format                                        | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.                                                                                                                                                                        |
| Sequence Positions                                 | 22-48                                                                                                                                                                                                                                              |
| Sequence Length                                    | 300                                                                                                                                                                                                                                                |
| Applicable Applications for anti-TNFRSF6B antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                                                    |
| Function                                           | Decoy receptor that can neutralize the cytotoxic ligands TNFSF14/LIGHT, TNFSF15 and TNFSF6/FASL. Protects against apoptosis.                                                                                                                       |
| Cellular Location                                  | Secreted.                                                                                                                                                                                                                                          |
| Tissue Location                                    | Detected in fetal lung, brain and liver. Detected in adult stomach, spinal cord, lymph node, trachea, spleen, colon and lung. Highly expressed in several primary tumors from colon, stomach, rectum, esophagus and in SW480 colon carcinoma cells |
| Preparation and Storage                            | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                                                                              |



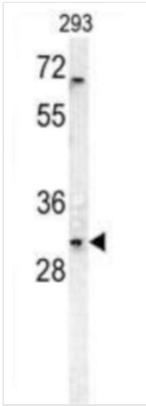
**WB (Western Blot)**  
All lanes : Anti-TNFRSF6B Antibody (N-term) at 1:2000 dilutionLane 1: HeLa whole cell lysateLane 2: HCT116 whole cell lysateLane 3: PC-3 whole cell lysateLane 4: SW480 whole cell lysateLane 5: HUVEC whole cell lysate Lysates/proteins at 20 ug per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 33 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



**FCM/FACS (Flow Cytometry)**  
TNFRSF6B Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
TNFRSF6B antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TNFRSF6B antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
TNFRSF6B Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the TNFRSF6B antibody detected the TNFRSF6B protein (arrow).

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TNFRSF6B antibody | This gene belongs to the tumor necrosis factor receptor superfamily. The encoded protein is postulated to play a regulatory role in suppressing FasL- and LIGHT-mediated cell death. It acts as a decoy receptor that competes with death receptors for ligand binding. Overexpression of this gene has been noted in gastrointestinal tract tumors, and it is located in a gene-rich cluster on chromosome 20, with other potentially tumor-related genes. Two transcript variants encoding the same isoform, but differing in the 5' UTR, have been observed for this gene. |
| Product Categories/Family for anti-TNFRSF6B antibody   | Cell Biology; Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| References                                             | Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)<br>Xiong, G., et al. Tumour Biol. 31(5):443-449(2010)<br>Sung, H.Y., et al. Int. J. Radiat. Biol. 86(9):780-790(2010)<br>Brunetti, G., et al. Ann. N. Y. Acad. Sci. 1192, 298-302 (2010) :<br>Perdigones, N., et al. Arthritis Rheum. 62(3):705-710(2010)                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 4507585 |
|-----------|---------|

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GeneID                      | 8771                                                         |
| NCBI Accession #                 | NP_003814.1                                                  |
| NCBI GenBank Nucleotide #        | NM_003823.3                                                  |
| UniProt Accession #              | O95407                                                       |
| NCBI Official Full Name          | tumor necrosis factor receptor superfamily member 6B         |
| NCBI Official Synonym Full Names | tumor necrosis factor receptor superfamily, member 6b, decoy |
| NCBI Official Symbol             | TNFRSF6B                                                     |
| NCBI Official Synonym Symbols    | M68; TR6; DCR3; M68E; DJ583P15.1.1                           |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 6B         |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 6B         |
| UniProt Gene Name                | TNFRSF6B                                                     |
| UniProt Synonym Gene Names       | DCR3; TR6; DcR3                                              |
| UniProt Entry Name               | TNF6B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfrsf6b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286862>