

## Rabbit anti-Human, Mouse CD71 Polyclonal Antibody | anti-CD71 antibody

CD71 (Phospho-Tyr20) Antibody

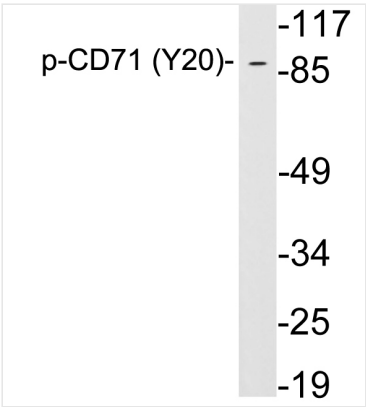
| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS        |
|-----------|--------|--------------|---------------------|
| AAA318260 | Rabbit | Human, Mouse | ELISA, Western Blot |

### PRODUCT SYNONYMS

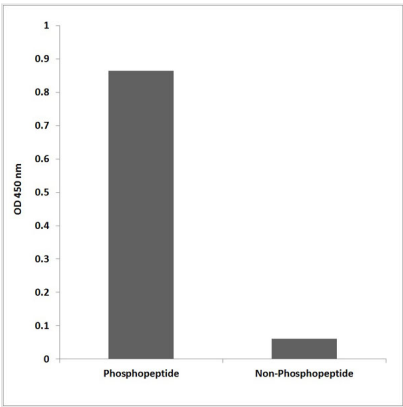
CD71; Polyclonal Antibody; CD71 (Phospho-Tyr20) Antibody; anti-CD71 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | CD71 (Phospho-Tyr20) antibody detects endogenous levels of CD71 only when phosphorylated at Tyr20.                                                                                               |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (Phospho-without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                       |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 760                                                                                                                                                                                              |
| Applicable Applications for anti-CD71 antibody | ELISA, WB (Western Blot)                                                                                                                                                                         |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:Y20; M:Y20                                                                                                                                                                                     |
| Immunogen                                      | The antiserum was produced against synthesized phospho-peptide derived from human CD71 around the phosphorylation site of Tyr20.                                                                 |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**WB (Western Blot)**  
Western blot analysis of lysates from 293 cells treated with PMA, using phospho-CD71 (Phospho-Tyr20) antibody.



**ELISA**  
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD71 (Phospho-Tyr20) Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 189458819                                                      |
| NCBI GeneID                      | 7037                                                           |
| NCBI Accession #                 | NP_001121620.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001128148.2                                                 |
| UniProt Accession #              | P02786; Q1HE24; Q59G55; Q9UCN0; Q9UCU5; Q9UDF9; Q9UK21; D3DXB0 |
| Molecular Weight                 | 84 kDa                                                         |
| NCBI Official Full Name          | transferrin receptor protein 1 isoform 1                       |
| NCBI Official Synonym Full Names | transferrin receptor                                           |
| NCBI Official Symbol             | TFRC                                                           |
| NCBI Official Synonym Symbols    | T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46                      |
| NCBI Protein Information         | transferrin receptor protein 1                                 |
| UniProt Protein Name             | Transferrin receptor protein 1                                 |
| UniProt Gene Name                | TFRC                                                           |
| UniProt Synonym Gene Names       | TR; TfR; TfR1; Trfr; sTfR                                      |

**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.