

## KIT recombinant antibody

KIT Recombinant Monoclonal Antibody

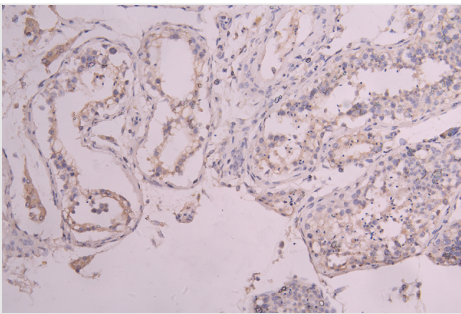
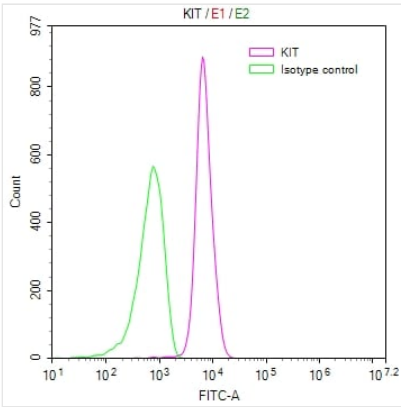
| CATALOG # | HOST         | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------------|------------|---------------------------------------------------------------|
| AAA279328 | HEK293F Cell | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

KIT; Monoclonal Recombinant Antibody; KIT Recombinant Monoclonal Antibody; C Kit antibody; c-Kit antibody; c-Kit Ligand antibody; CD117 antibody; Kit antibody; Kit Ligand antibody; KIT oncogene antibody; KIT proto oncogene receptor tyrosine kinase antibody; KIT\_HUMAN antibody; Mast cell growth factor receptor antibody; Mast/stem cell growth factor receptor Kit antibody; MGF antibody; p145 c-kit antibody; PBT antibody; Piebald trait protein antibody; Proto oncogene c Kit antibody; Proto oncogene tyrosine protein kinase Kit antibody; Proto-oncogene c-Kit antibody; SCF Receptor antibody; SCFR antibody; soluble KIT variant 1 antibody; Steel Factor Receptor antibody; Stem cell factor receptor antibody; tyrosine protein kinase Kit antibody; Tyrosine-protein kinase Kit antibody; v kit Hardy Zuckerman 4 feline sarcoma viral oncogene homolog antibody; v kit Hardy Zuckerman 4 feline sarcoma viral oncogene like protein antibody; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog antibody; KIT recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                               |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                                 | HEK293F Cell                                                                                                  |
| Reactivity                                           | Human                                                                                                         |
| Clonality                                            | Monoclonal                                                                                                    |
| Isotype                                              | hIgG1                                                                                                         |
| Clone Number                                         | 6D4                                                                                                           |
| Purity/Purification                                  | Affinity-chromatography                                                                                       |
| Form/Format                                          | Liquid; Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                      |
| Applicable Applications for KIT recombinant antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA                                                  |
| Antigen Species                                      | Human                                                                                                         |
| Antigen                                              | Recombinant Human KIT protein                                                                                 |
| Conjugation                                          | Non-conjugated                                                                                                |
| Research Area                                        | Neuroscience, Cancer, Developmental biology, Tags & Cell Markers, Immunology, Signal transduction, Stem cells |
| Preparation and Storage                              | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                   |



**IHC (Immunohistochemistry)**  
IHC image of AAA279328 diluted at 1?100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and visualized using 0.05% DAB.

**FCM/FACS (Flow Cytometry)**  
Overlay Peak curve showing JK cells stained with AAA279328 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*106cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was human IgG (1ug/1\*106cells) used under the same conditions. Acquisition of >10,000 events was performed.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557695                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 3815                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_000213.1                                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000222.2                                                                                                                                                                                                                                                    |
| UniProt Accession #              | P10721; Q6IQ28; Q99662; Q9UM99; B5A956; D5LXN2; D5M931; F5H8F8                                                                                                                                                                                                 |
| Molecular Weight                 | 109,865 Da                                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | mast/stem cell growth factor receptor Kit isoform 1                                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog                                                                                                                                                                                                  |
| NCBI Official Symbol             | KIT                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | PBT; SCFR; C-Kit; CD117                                                                                                                                                                                                                                        |
| NCBI Protein Information         | mast/stem cell growth factor receptor Kit; p145 c-kit; proto-oncogene c-Kit; piebald trait protein; soluble KIT variant 1; tyrosine-protein kinase Kit; proto-oncogene tyrosine-protein kinase Kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene-like |
| UniProt Protein Name             | Mast/stem cell growth factor receptor Kit                                                                                                                                                                                                                      |
| UniProt Gene Name                | KIT                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | SCFR; SCFR; PBT                                                                                                                                                                                                                                                |
| UniProt Entry Name               | KIT_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.