



CD117 (C-kit) mouse mAb(PT0273)

Catalog No	YP-Ab-12962
Isotype	IgG
Reactivity	Human
Applications	IHC-p;IF(paraffin section);WB
Gene Name	KIT SCFR
Protein Name	CD117 (C-kit)
Immunogen	Synthesized peptide derived from human CD117 (C-kit)
Specificity	This antibody detects endogenous levels of human CD117 (C-kit)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse/IgM, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-300, WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Mast/stem cell growth factor receptor Kit (SCFR;EC 2.7.10.1;Piebald trait protein;PBT;Proto-oncogene c-Kit;Tyrosine-protein kinase Kit;p145 c-kit;v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog;CD antigen CD117)
Observed Band	
Cell Pathway	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Cell membrane; Single-pass type I membrane protein.; [Isoform 3]: Cytoplasm. Detected in the cytoplasm of spermatozoa, especially in the equatorial and subacrosomal region of the sperm head. .
Tissue Specificity	[Isoform 3]: In testis, detected in spermatogonia in the basal layer and in interstitial Leydig cells but not in Sertoli cells or spermatocytes inside the seminiferous tubules (at protein level) (PubMed:20601678). Expression is maintained in ejaculated spermatozoa (at protein level) (PubMed:20601678).
Function	
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images