

Anti-KIT antibody (26-520) [S4941RM] (STJ11104941)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

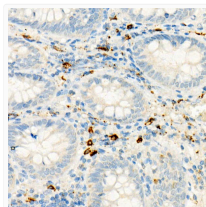
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:20000 IHC-P:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 110kDa Observed Mw: 150kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

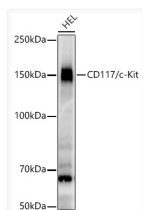
Gene ID	3815
Gene Symbol	KIT
UniProt ID	KIT_HUMAN
Immunogen Region	26-520
Immunogen Sequence	QPSVSPGEPSPPSIHGKSD LIVRVGDEIRLLCTDPGFVK WTEILDETNNKQNEWITE KAEATNTGKYCTCNKHGLSN SIYVFVRDPKFLFLVDRSLY GKEDNDTLVRCPLTDPEVTN YSLKGCQGKPLPKDLRFIPD PKAGIMIKSVKRAYHRLCLH CSVDQEGKSVLSEKFILKVR PAFKAVPVVSVSKASYLLRE GEEFTVTCTIKDVSSSVYST WKRENSQTKLQEKYNSWHH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 26-520 of human c-Kit (NP_000213.1)

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded human appendix using CD117/c-Kit Rabbit monoclonal antibody (STJ11104941) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of HEL, using CD117/c-Kit antibody (STJ11104941) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.