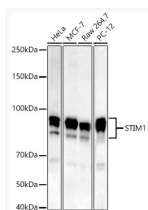
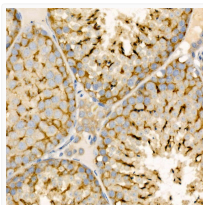


Anti-STIM1 antibody (530-685 aa) [SRM5145] (STJ11106983)

GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 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: 77kDa Observed Mw: 77-85kDa
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	6786
Gene Symbol	STIM1
UniProt ID	STIM1_HUMAN
Immunogen Region	530-685 aa
Immunogen Sequence	RQRVAPKPPQMSRAADEALN AMTSNGSHRLIEGVHPGSLV EKLDPSPALAKKALLALNHG LDKAHSLMELSPSAPPGGSP HLDSSRSHPSSPDPTPSP VGDSRALQASRNTRIPHLAG KKAVAEEDNGSIGEETDSSP GRKKFPLKIFKKPLKK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 530-685 of human STIM1 (NP_003147.2).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates, using STIM1 Rabbit mAb (STJ11106983) at 1:2000 dilution.
Secondary antibody: HRP-conjugated 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 Basic Kit
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using STIM1 Rabbit mAb (STJ11106983) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.