

Anti-KDR antibody (1150-1250) (STJ28277)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

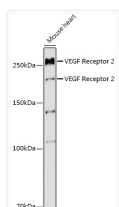
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 152kDa Observed Mw: 210kDa/230kDa/230kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

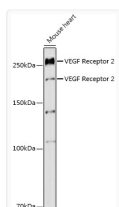
Gene ID	3791
Gene Symbol	KDR
UniProt ID	VGFR2_HUMAN
Immunogen Region	1150-1250
Immunogen Sequence	RPTFSELVEHLGNLLQANAQ QDGKDYIVLPISETLSMEED SGLSLPTSPVSCMEEEEVCD PKFHYDNTAGISQYLQNSKR KSRPVSVKTFEDIPLEEPEV K
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1150-1250 of human VEGF Receptor 2 (NP_002244.1).

ADDITIONAL INFORMATION

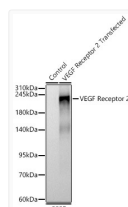
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from Mouse heart, using VEGF Receptor 2 Rabbit pAb (STJ28277) at 1:1000 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 Enhanced Kit
 Exposure time: 180s.



Western blot analysis of lysates from Mouse heart, using VEGF Receptor 2 Rabbit pAb (STJ28277) at 1:1000 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 Enhanced Kit
 Exposure time: 180s.



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with VEGF Receptor 2 using VEGF Receptor 2 Rabbit pAb (STJ28277) at 1:1000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 30 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (Exposure time: 10s.