

Datasheet for ABIN561595
anti-KIT antibody (AA 41-140)



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3 Images

Overview

Quantity:	100 µg
Target:	KIT
Binding Specificity:	AA 41-140
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant KIT.
Immunogen:	KIT (NP_000213, 41 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PGKSDLIVRV GDEIRLLCTD PGFVKWTFEI LDETENENQN EWITEKAEAT NTGKYTCTNK HGLSNSIYVF VRDPAKFLV DRSLYGKEDN DTLVRCPLTD
Clone:	6F2
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	KIT
Alternative Name:	KIT (KIT Products)
Background:	Full Gene Name: v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog Synonyms: C-Kit,CD117,PBT,SCFR
Gene ID:	3815
NCBI Accession:	NM_000222
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

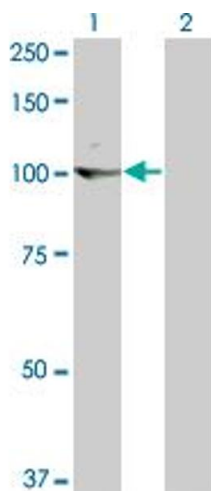
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

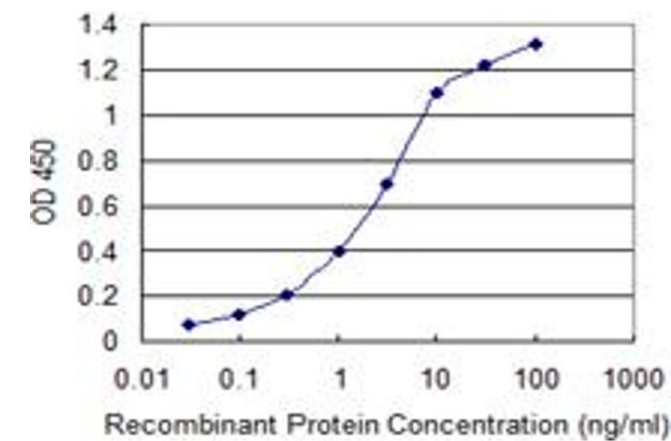


Western Blotting

Image 1. Western Blot analysis of KIT expression in transfected 293T cell line by KIT monoclonal antibody (M02), clone 6F2.

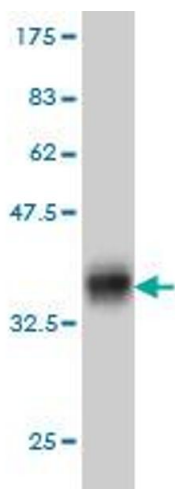
Lane 1: KIT transfected lysate(109.865 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged KIT is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 kDa) .