antibodies - online.com







anti-KIT antibody (AA 41-140)





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:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant KIT.
Immunogen:	KIT (NP_000213, 41 a.a. \sim 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PGKSDLIVRV GDEIRLLCTD PGFVKWTFEI LDETNENKQN EWITEKAEAT NTGKYTCTNK HGLSNSIYVF VRDPAKLFLV DRSLYGKEDN DTLVRCPLTD
Clone:	6G12
Isotype:	lgG2b
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

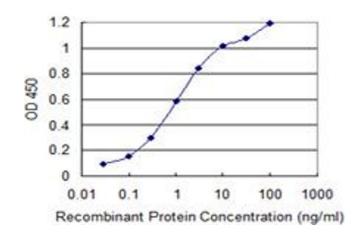
Application Details

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

Handling

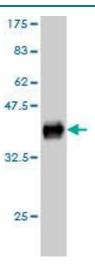
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



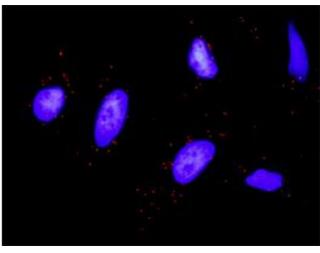
ELISA

Image 1. Detection limit for recombinant GST tagged KIT is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.63 KDa) .



Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between STAT1 and KIT. HeLa cells were stained with anti-STAT1 rabbit purified polyclonal 1:1200 and anti-KIT mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN561594.