

## c-Kit (Ab-721) Conjugated Antibody

Catalog No: #C21232



Package Size: #C21232-AF350 100ul #C21232-AF405 100ul #C21232-AF488 100ul  
 #C21232-AF555 100ul #C21232-AF594 100ul #C21232-AF647 100ul  
 #C21232-AF680 100ul #C21232-AF750 100ul #C21232-Biotin 100ul

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## Description

Product Name	c-Kit (Ab-721) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total c-Kit protein.
Immunogen Description	Peptide sequence around aa.719~723 (N-E-Y-M-D) derived from Human c-Kit.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KIT ;CD117;SCFR;PBT
Accession No.	Swiss-Prot#:P11362NCBI Gene ID:3815NCBI mRNA#:NM_000222.2NCBI Protein#:NP_000213.1
Uniprot	P11362
GeneID	2260;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	145
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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This is the receptor for stem cell factor (mast cell growth factor). It has a tyrosine-protein kinase activity. Binding of the ligands leads to the autophosphorylation of KIT and its association with substrates such as phosphatidylinositol 3-kinase (Pi3K)

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Note: This product is for in vitro research use only