

#21539

c-kit (Ab-936) Antibody

Catalog: #21539-1 50µl **Orders:** order@signalwayantibody.com
#21539-2 100µl **Support:** tech@signalwayantibody.com
Storage: Store at -20°C/1 year **Web:** www.signalwayantibody.com



Application	Species Reactivity	Source	Molecular Wt.
IHC	Human	Rabbit Polyconal Ab	145KD

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

Recommended Dilutions:

Immunohistochemistry 1:50~1:100

Specificity: The antibody detects endogenous level of total c-Kit protein.

Immunogen: Peptide sequence around aa.934~938 (H-I-Y-S-N) derived from Human c-Kit.

Formulation: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

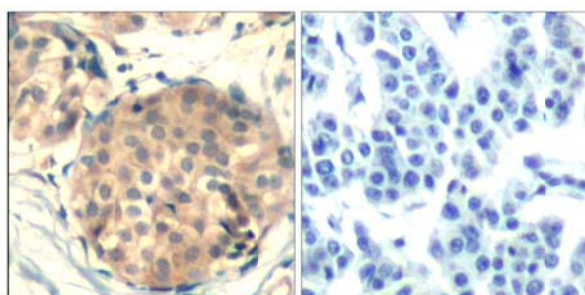
Synonyms: KIT CD117 SCFR PBT

Accession No.: Swiss-Prot#: P10721 NCBI Gene#: 3815
NCBI Protein#: NP_000213.1

Background: 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)

References:

Martin, F.H. et al. (1990) Cell 63, 203-11.
Blume-Jensen, P. et al. (2000) Nat Genet 24, 157-62.
Gommerman, J.L. et al. (1997) J Biol Chem 272, 30519-25.
Nocka, K. et al. (1990) EMBO J 9, 1805-13.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-kit (Ab-936) Antibody #21539 (left) or the same antibody preincubated with blocking peptide (right).

Citation:

If you publish research using #21539 please [let us know](#).

Related Pathway: Translation, Receptors

Note: For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.