

anti-Human FLT3 Antibody | anti-FLT3 antibody

FLT3 (Phospho-Tyr591) Antibody

CATALOG # AAA111047	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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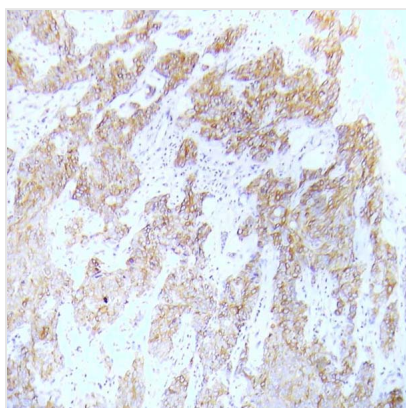
PRODUCT SYNONYMS

FLT3; FLT3 (Phospho-Tyr591) Antibody; anti-FLT3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	FLT3 (Phospho-Tyr591) antibody detects endogenous levels of FLT3 only when phosphorylated at tyrosine 591.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	993
Applicable Applications for anti-FLT3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FLT3 around the phosphorylation site of tyrosine 591 (Y-F-YP-V-D).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma tissue using FLT3 (Phospho-Tyr591) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FLT3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Irish JM, et al. (2007) Blood 109, 2589-96. Heiss E, et al. (2006) Blood 108, 1542-50. Shurin, M.R. et al. (1998) Cytokine Growth Factor Rev. 9, 37-48. Naoe, T. et al. (2001) Cancer Chemother. Pharmacol. 48 Suppl1, S27-S30. Namikawa, R. et al. (1996) Stem Cells 14, 388-395. Zhang, S. et al. (1999) J. Leukoc. Biol. 65, 372-380.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121114304
NCBI GeneID	2322
NCBI Accession #	NP_004110.2
NCBI GenBank Nucleotide #	NM_004119.2
UniProt Accession #	P36888; Q13414; A0AVG9; B7ZLT7; B7ZLT8; F5H0A0
Molecular Weight	108,378 Da
NCBI Official Full Name	receptor-type tyrosine-protein kinase FLT3
NCBI Official Synonym Full Names	fms related tyrosine kinase 3
NCBI Official Symbol	FLT3
NCBI Official Synonym Symbols	FLK2; STK1; CD135; FLK-2
NCBI Protein Information	receptor-type tyrosine-protein kinase FLT3
UniProt Protein Name	Receptor-type tyrosine-protein kinase FLT3
UniProt Gene Name	FLT3
UniProt Synonym Gene Names	CD135; FLK2; STK1; FLK-2; FLT-3; STK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.