

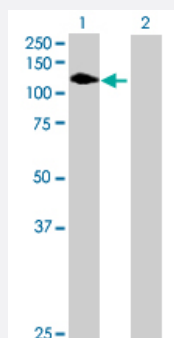
MaxPab®

FLT1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002321-D01P

Size 100 ug

Applications

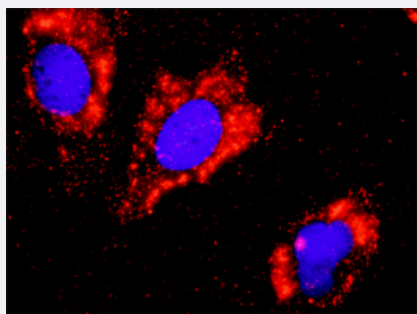


Western Blot (Transfected lysate)

Western Blot analysis of FLT1 expression in transfected 293T cell line ([H00002321-T01](#)) by FLT1 MaxPab polyclonal antibody.

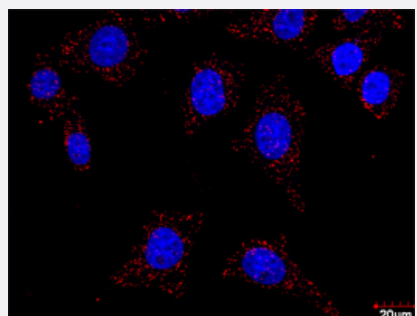
Lane 1: FLT1 transfected lysate(77.50 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FLT1 and CTNNB1. Huh7 cells were stained with anti-FLT1 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FLT1 and CRKL. HeLa cells were stained with anti-FLT1 rabbit purified polyclonal 1:100 and anti-CRKL mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FLT1 protein.

Immunogen	FLT1 (AAH39007.1, 1 a.a. ~ 687 a.a) full-length human protein.
Sequence	MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQAGQTLHLQCRGEAAHKWSLP EMVSKESERLSITKSACGRNGKQFCSTLTLNTAQANHTGFYSCKYLAVPTSKKKETESAMFISDT GRPFVEMYSEIPEIIHMTEGRELVIPCRVTSPNITVTLKKFPLDTLIPDGKRIWDSRKGFIIISNATYKEI GLLTCEATVNGHLYKTNYLTHRQNTNIIDVQISTPRPVKLLRGHTLVLNCTATPLNTRVQMTWSYPD EKNKRASVRRRIDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVNTSVHIYDKAFITVK HRKQQVLETVAGKRSYRLSMKVKAFFSPEVWWLKDGLPATEKSARYLTRGYSIIKDVTEEDAGN YTILLSIKQSNVFKNLATLIVNVKPKIYEKAVSSFPDPALYPLGSRQILTCTAYGIPQPTIKWFWHPC NHNHSEARCDFCSNNEESFILDADSNMGNRIESITQRMAIIEGKNKMASTLVVADSRISGMCIASNK VGTVGRNISFYITDVPNGFHVNLEKMPTEGEDLKLCTVNKFLYRDVTWILLRTVNNRTMHYSISKQ KMAITKEHSITLNLTIMNVSLQDSGTACRARNVYTGEIILQKKEITIRGEHCNKKAVFSRISKFKSTR NDCTTQSNVKH
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of FLT1 expression in transfected 293T cell line ([H00002321-T01](#)) by FLT1 MaxPab polyclonal antibody.

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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- In situ* Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FLT1 and CRKL. HeLa cells were stained with anti-FLT1 rabbit purified polyclonal 1:100 and anti-CRKL mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Info — FLT1

Entrez GeneID	2321
GeneBank Accession#	BC039007
Protein Accession#	AAH39007.1
Gene Name	FLT1
Gene Alias	FLT, VEGFR1
Gene Description	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
Omim ID	165070
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia
Other Designations	fms-related tyrosine kinase 1 soluble VEGF receptor 1-14 soluble VEGFR1 variant 2 soluble VEGFR1 variant 21 vascular endothelial growth factor/vascular permeability factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Focal adhesion](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Chorioamnionitis](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
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- [Kidney Failure](#)
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- [Melanoma](#)
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- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)
- [Scleroderma](#)

- [Skin Neoplasms](#)
- [Vaginosis](#)