

Product Information

Recombinant Anti-Human flt3 Antibody

Cat. No.: **MOM-18363**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human FLT3, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Receptor for the FL cytokine. Has a tyrosine-protein kinase activity.

Specific Activity

Tested positive against native antigen.

Target

FLT3

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, FC, IP, FuncS, IF, Neut and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[FLT3 fms-related tyrosine kinase 3 \[Homo sapiens \]](#)

Official Symbol

FLT3

Synonyms

FLT3; fms-related tyrosine kinase 3; receptor-type tyrosine-protein kinase FLT3; CD135; FLK2; STK1; STK-1; CD135 antigen; FL cytokine receptor; fetal liver kinase 2; fms-like tyrosine kinase 3; stem cell tyrosine kinase 1; growth factor receptor tyrosine kinase type III; FLK-2

Gene ID

[2322](#)

mRNA Refseq

[NM_004119](#)

Protein Refseq

[NP_004110](#)

MIM

[136351](#)

UniProt ID

P36888

Chromosome Location

13q12

Pathway

Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Pathways in cancer, organism-specific biosystem;

Function

ATP binding; cytokine receptor activity; nucleotide binding; phosphatidylinositol 3-kinase binding; protein homodimerization activity; receptor activity; transmembrane receptor protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; vascular endothelial growth factor-activated receptor activity;