

## ARG58709 anti-FLT3 Ligand antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FLT3 Ligand
Tested Reactivity	Hu, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FLT3 Ligand
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 79-110 of Human Flt3 Ligand (AQRWMERLKTVAGSKMQGLLERVNTEIHFVTK).
Conjugation	Un-conjugated
Alternate Names	FLT3L; SL cytokine; Fms-related tyrosine kinase 3 ligand; Flt3L; Flt3 ligand; FL

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	FLT3LG
Gene Full Name	fms-related tyrosine kinase 3 ligand
Background	Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]).[supplied by OMIM, Jan 2011]
Function	Stimulates the proliferation of early hematopoietic cells by activating FLT3. Synergizes well with a number of other colony stimulating factors and interleukins. [UniProt]
Calculated Mw	26 kDa
Cellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG58709 anti-FLT3 Ligand antibody WB image

Western blot: 50  $\mu$ g of Rat brain, 50  $\mu$ g of Rat spleen, 50  $\mu$ g of Rat kidney and 40  $\mu$ g of SMMC whole cell lysates stained with ARG58709 anti-FLT3 Ligand antibody at 0.5  $\mu$ g/ml dilution.