



Anti-FLT3LG (aa 27-136) polyclonal antibody (DPAB-DC1066)

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

PRODUCT INFORMATION

Antigen Description	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]
Immunogen	FLT3LG (NP_001450, 27 a.a. ~ 136 a.a) partial recombinant protein with GST tag. The sequence is TQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERL KTVAGSKMQGLLERVNTEIHFTVKCAFQPPPSCLRFVQTNISRLLQETSE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [Homo sapiens (human)]
Official Symbol	FLT3LG
Synonyms	FLT3LG; fms-related tyrosine kinase 3 ligand; FL; FLT3L; flt3 ligand;
Entrez Gene ID	2323
Protein Refseq	NP_001191431
UniProt ID	B7ZLY4
Chromosome Location	19q13.3
Pathway	Cytokine-cytokine receptor interaction; Pathways in cancer;
Function	cytokine activity; protein homodimerization activity; receptor binding; receptor tyrosine kinase binding