

Product datasheet for **CF500274**

Flt3 ligand (FLT3LG) Mouse Monoclonal Antibody [Clone ID: OTI8D10]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI8D10 |
| Applications: | IF, WB |
| Recommended Dilution: | WB 1:1000 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant protein expressed in E.coli corresponding to amino acids 27-181 of human FLT3LG |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 26.4 kDa |
| Gene Name: | fms related receptor tyrosine kinase 3 ligand |
| Database Link: | NP_001450 Entrez Gene 2323 Human P49771 |
| Background: | Stimulates the proliferation of early hematopoietic cells. Synergizes well with a number of other colony stimulating factors and interleukins |

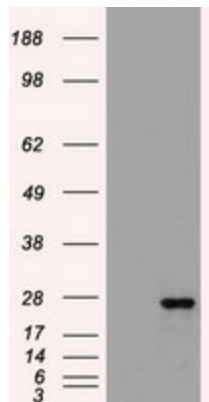


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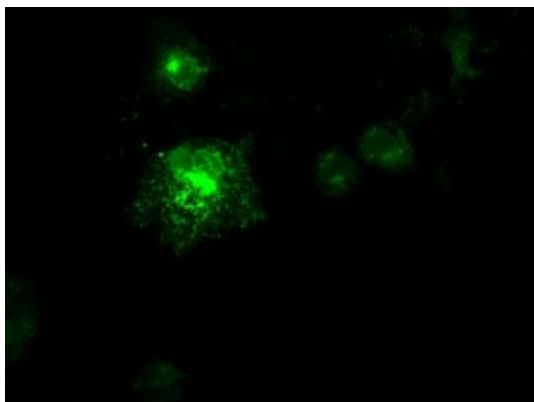
Synonyms: FL; FLT3L

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Pathways in cancer

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FLT3LG (Cat# [RC222242], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FLT3LG (Cat# [TA500274]). Positive lysates [LY419927] (100ug) and [LC419927] (20ug) can be purchased separately from OriGene.



Anti-FLT3LG mouse monoclonal antibody ([TA500274]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FLT3LG ([RC222242]).