

Fas Ligand Antibody (Clone I-6060)
Mouse Monoclonal Antibody
Catalog # ABV10241**Specification**

Fas Ligand Antibody (Clone I-6060) - Product Information

Application	WB, IHC, IP
Primary Accession	P48023
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	31485

Fas Ligand Antibody (Clone I-6060) - Additional Information**Gene ID** 356

Application & Usage	Western blotting (1-4 µg/ml), immunoprecipitation, and Immunohistochemistry. However, the optimal conditions should be determined individually. HeLa cell lysate can be used as a positive control and an approximately 40 kDa band should be detected by Western blotting.
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Other Names

FASLG, FASL , FasL, CD95L , APT1LG1, CD178 , APTL , TNFSF6

Target/Specificity

FasL

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) Protein G purified mouse monoclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Fas Ligand Antibody (Clone I-6060) is for research use only and not for use in diagnostic or therapeutic procedures.

Fas Ligand Antibody (Clone I-6060) - Protein Information

Name FASLG

Synonyms APT1LG1, CD95L, FASL, TNFSF6

Function

Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:26334989, PubMed:9228058). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:9228058, PubMed:7528780, PubMed:9427603). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen- activated T-cells contributing to the termination of immune responses (By similarity). TNFRSF6/FAS-mediated apoptosis has also a role in the induction of peripheral tolerance (By similarity). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (PubMed:27806260).

Cellular Location

Cell membrane; Single-pass type II membrane protein. Cytoplasmic vesicle lumen Lysosome lumen. Note=Is internalized into multivesicular bodies of secretory lysosomes after phosphorylation by FGR and monoubiquitination (PubMed:17164290). Colocalizes with the SPPL2A protease at the cell membrane (PubMed:17557115) [FasL intracellular domain]: Nucleus. Note=The FasL ICD cytoplasmic form is translocated into the nucleus.

Fas Ligand Antibody (Clone I-6060) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Fas Ligand Antibody (Clone I-6060) - Images**Fas Ligand Antibody (Clone I-6060) - Background**

Fas (APO-1, CD95) is a 45 kDa cell surface protein that mediates apoptosis when cross-linked with agonistic anti-Fas antibodies or Fas ligand (FasL). FasL is a tumor necrosis factor (TNF)-related type II membrane protein and is expressed in various tissue and cells. Both Fas and FasL are thought to play an important role in the apoptosis processes that takes place during T cell development.