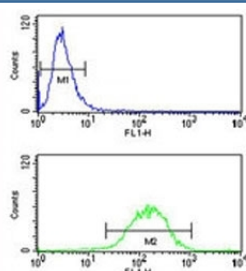


IL-1 Antibody (F49920)

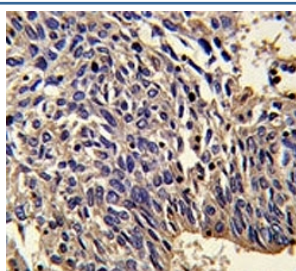
Catalog No.	Formulation	Size
F49920-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49920-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

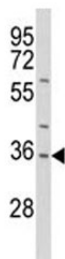
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01583
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This IL-1 antibody is available for research use only.



IL-1 antibody flow cytometry analysis of NCI-H460 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



IHC analysis of FFPE human lung carcinoma stained with IL-1 antibody



Western blot analysis of IL-1 antibody and HepG2 lysate. Predicted molecular weight of IL1A: 31 kDa precursor and 17 kDa mature.

Description

IL1A is produced by activated macrophages and stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells. [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 177-206 from human IL1A was used as the immunogen for this IL-1 antibody.

Storage

Store at 4°C for up to one month. For long term, aliquot the IL-1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.