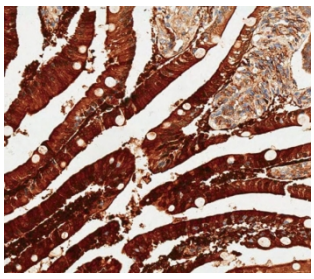
ADA Antibody (F41596)

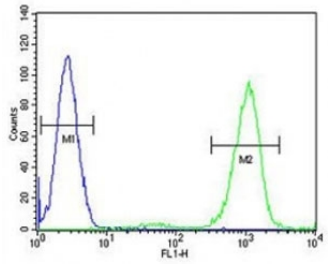
Catalog No.	Formulation	Size
F41596-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41596-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

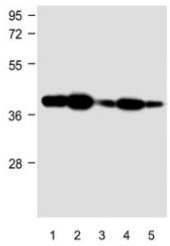
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00813
Localization	Cytoplasm, cell membrane
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 Immunohistochemistry (FFPE) : 1:100-1:500
Limitations	This ADA antibody is available for research use only.



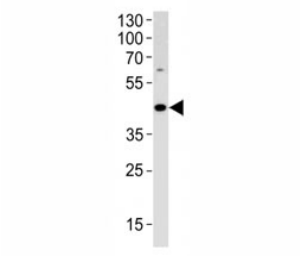
IHC testing of FFPE human duodenum tissue with ADA antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



ADA antibody flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot testing of human 1) MOLT-4, 2) Jurkat, 3) HeLa, 4) HL-60 and 5) DU145 cell lysate with ADA antibody. Expected molecular weight ~41 kDa.



ADA antibody western blot analysis in HL-60 lysate. Expected molecular weight ~41 kDa.

Description

Adenosine deaminase (ADA) catalyzes the hydrolytic deamination of adenosine and 2-deoxyadenosine. Plays an important role in purine metabolism and in adenosine homeostasis. Modulates signaling by extracellular adenosine, and so contributes indirectly to cellular signaling events. Acts as a positive regulator of T-cell coactivation, by binding DPP4. Its interaction with DPP4 regulates lymphocyte-epithelial cell adhesion. [UniProt]

Application Notes

Titration of the ADA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 287-314 from the human protein was used as the immunogen for this ADA antibody.

Storage

Aliquot the ADA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.