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ADA Polyclonal Antibody

(Catalog # A70438)

Background
This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia.

Description
ADA Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Specificity
Human, Mouse, Rat

Isotype
IgG

Uniprot ID
P00813

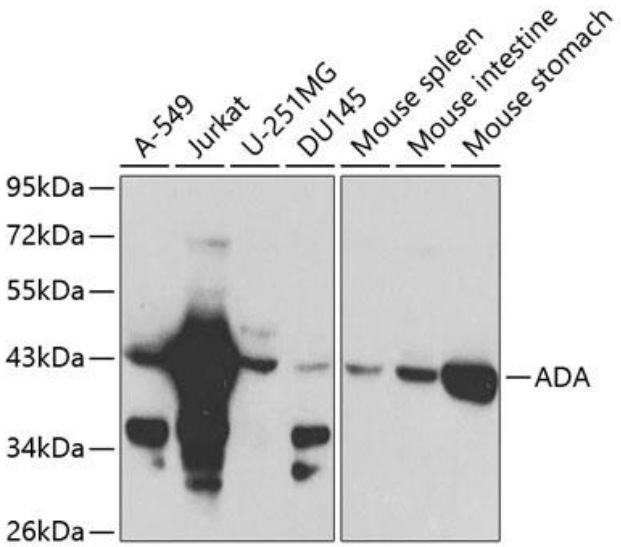
Purification
Affinity Purification

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-363 of human ADA (NP_000013.2).

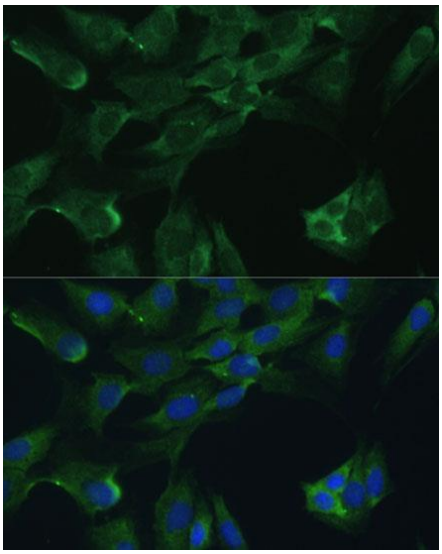
Storage
Shipped at 4°C. Upon receipt, store at -20°C. Avoid freeze / thaw cycles

Alternative Names
ADA; adenosine deaminase

Application
WB, IF; Recommended dilution: WB 1:500 - 1:2000, IF 1:50 - 1:200



Western blot analysis of extracts of various cell lines, using ADA Polyclonal Antibody at 1:1000 dilution.
Secondary Antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of C6 cells using ADA Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

