

Recombinant ADA Monoclonal Antibody

catalog number: AN302037L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

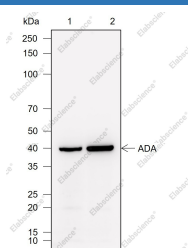
Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331658
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
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Data



Western Blot with ADA Monoclonal Antibody at dilution of 1:1000. Lane 1: MOLT-4, Lane 2: Jurkat

Observed-MW:41 kDa

Calculated-MW:41 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Adenosine deaminase (ADA) catalyzes adenosine degradation. Lack of this enzyme leads to the accumulation of toxic metabolites causing severe combined immunodeficiency (ADA-SCID), an autosomal recessive disorder. Differentiation and function of T cells, B cells, and natural killer cells are impaired in ADA-SCID patients leading to recurrent infections. Gene therapies for ADA-SCID were reported to correct the metabolic defect and restore the deficient immune function.

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