



A Reliable Research Partner in Life Science and Medicine

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
 IgG, κ

 Clone
 A757

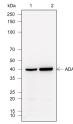
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:1000

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 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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 Rev. V1.0