

Datasheet for ABIN3029872

anti-ADA antibody (AA 287-314)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	ADA
Binding Specificity:	AA 287-314
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 287-314 from the human protein was used as the immunogen for this ADA antibody.
Clone:	608CT2-1-3
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	ADA
Alternative Name:	ADA (ADA Products)
Background:	This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various

Target Details

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.

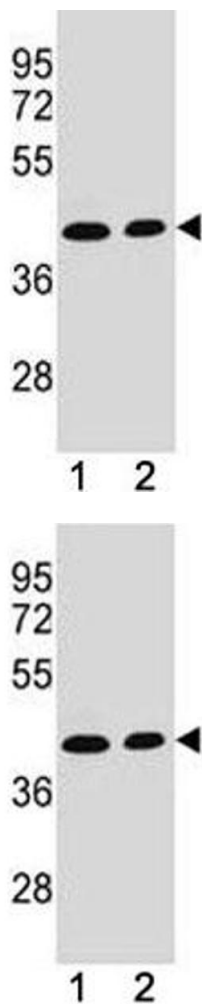
UniProt:	P00813
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Titration of the ADA antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ADA antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. ADA antibody western blot analysis in (1) CEM and (2) Jurkat lysate

Western Blotting

Image 2. ADA antibody western blot analysis in (1) CEM and (2) Jurkat lysate