

Datasheet for ABIN5611221
anti-ALDOA antibody (AA 9-145)[Go to Product page](#)

7 Images

Overview

Quantity:	0.1 mg
Target:	ALDOA
Binding Specificity:	AA 9-145
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human ALDOA (AA: 9-145) expressed in E. coli.
Clone:	1C5B2
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	ALDOA
Alternative Name:	ALDOA (ALDOA Products)
Background:	Description: The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A, B,

Target Details

and C), encoded by three different genes, are differentially expressed during development. Aldolase A is found in the developing embryo and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing and alternative promoter usage results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 3 and 10.

Aliases: ALDA, GSD12, HEL-S-87p

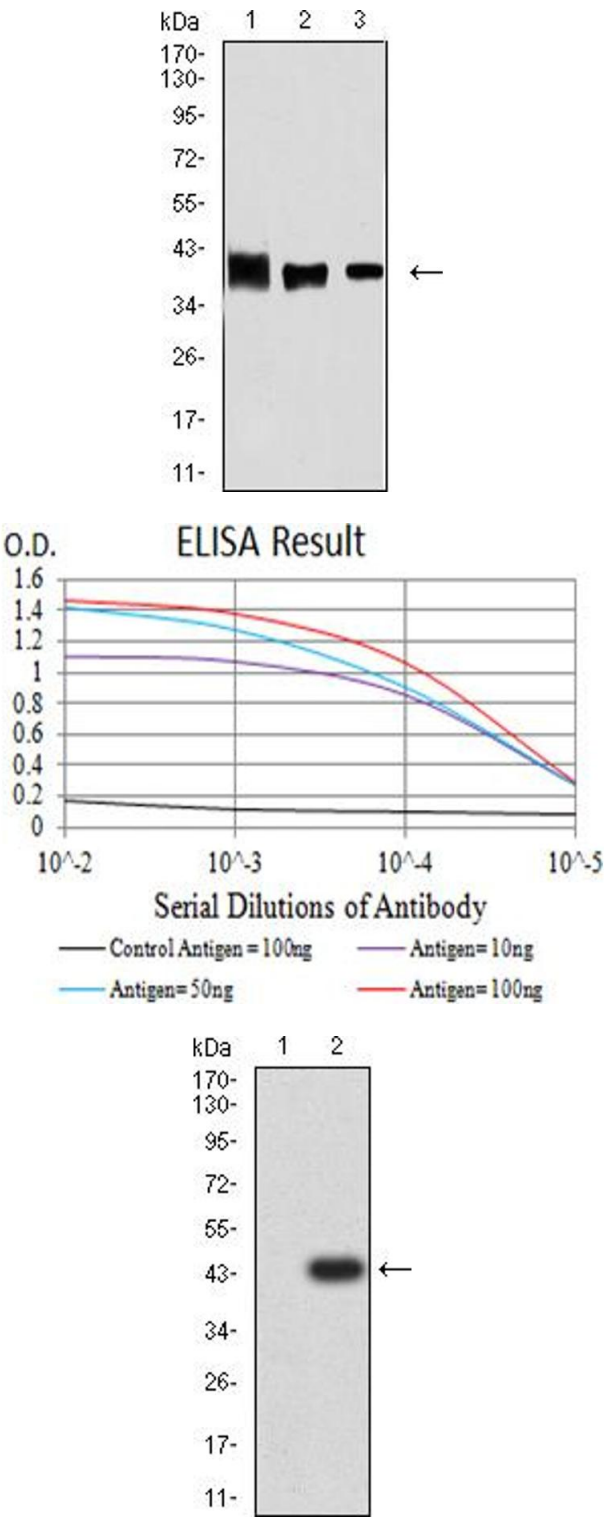
Molecular Weight:	39.4 kDa
Gene ID:	226
HGNC:	226
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



Western Blotting

Image 1. Western blot analysis using ALDOA mouse mAb against MCF-7 (1), HeLa (2), and NIH/3T3 (3) cell lysate.

ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using ALDOA mAb against HEK293 (1) and ALDOA (AA: 9-145)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5611221.