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Datasheet for ABIN559850

anti-ALDOA antibody (AA 1-364)

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Overview

Quantity:	100 µg
Target:	ALDOA
Binding Specificity:	AA 1-364
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALDOA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ALDOA.
Immunogen:	ALDOA (AAH10660.1, 1 a.a. ~ 364 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPYQYPALTP EQKKELSDIA HRIVAPGKGI LAADESTGSI AKRLQSIGTE NTEENRRFYR QLLLTADDRV NPCIGGVILF HETLYQKADD GRPFPQVIKS KGGVVGIVKD KGVVPLAGTN GETTTQGLDG LSERCAQYKK DGADFAKWRC VLKIGEHTPS ALAIMENANV LARYASICQQ NGIVPIVEPE ILPDGDHDLK RCQYVTEKVL AAVYKALSDH HIYLEGTLK PNMVTPGHAC TQKFSHEEIA MATVTALRRT VPPAVTGITF LSGGQSEEEA SINLNAINKC PLLKPWALTF SYGRALQASA LKAWGGKKEN LKAAQEEYVK RALANSLACQ GKYTPSGQAG AAASESLFVS NHAY
Clone:	3D9-6F3
Isotype:	IgG2b

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ALDOA
Alternative Name:	ALDOA (ALDOA Products)
Background:	Full Gene Name: aldolase A, fructose-bisphosphate Synonyms: ALDA,MGC10942,MGC17716,MGC17767
Gene ID:	226
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

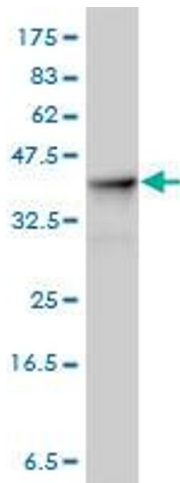
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Petit, Serres, Bourgeon, Pineau, Auer: "Identification of sperm head proteins involved in zona pellucida binding." in: Human reproduction (Oxford, England), Vol. 28, Issue 4, pp. 852-65, (2013) (PubMed).</p> <p>Tochio, Tanaka, Nakata, Hosoya: "Fructose-1,6-bisphosphate aldolase A is involved in HaCaT cell migration by inducing lamellipodia formation." in: Journal of dermatological science, Vol. 58, Issue 2, pp. 123-9, (2010) (PubMed).</p> <p>Ding, Liang, Zhang, Yan, Zhang: "Retraction notice to \" [Chemosphere 65(11) (2006) 1942-</p>
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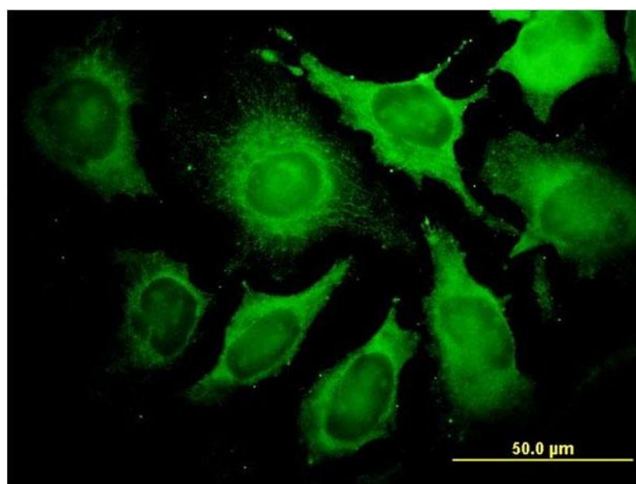
1948]. in: **Chemosphere**, (2010) ([PubMed](#)).

Images



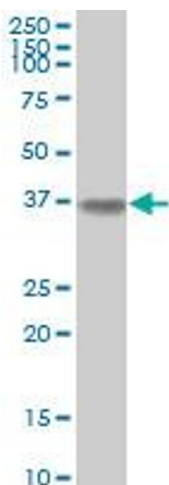
Western Blotting

Image 1. ALDOA monoclonal antibody (M01), clone 3D9-6F3. Western Blot analysis of ALDOA expression in human omentum, serous carcinoma.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to ALDOA on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. ALDOA monoclonal antibody (M01), clone 3D9-6F3 Western Blot analysis of ALDOA expression in IMR-32 .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN559850.