

Mouse anti-Human FADS1 Monoclonal Antibody | anti-FADS1 antibody

Mouse Monoclonal [clone 2D9] (IgG2a,k) to Human FADS1

CATALOG # AAA51882	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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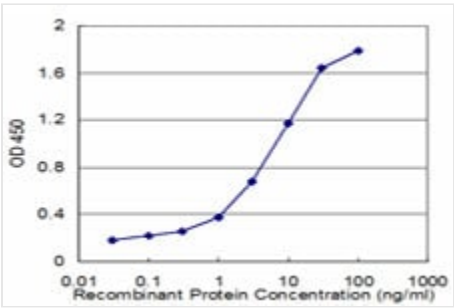
PRODUCT SYNONYMS

FADS1; Monoclonal Antibody; Mouse Monoclonal [clone 2D9] (IgG2a; k) to Human FADS1; Anti-FADS1 Antibody (clone 2D9) IHC-plus; D5D; Delta-5 fatty acid desaturase; Delta(5) fatty acid desaturase; Delta-5 desaturase; Fatty acid desaturase 1; FADSD5; LLCDL1; Delta(5) desaturase; TU12; Human FADS1; anti-FADS1 antibody

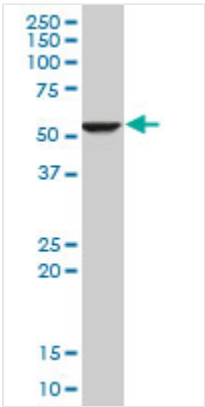
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D9
Specificity	Human FADS1
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2. Sourced in Ascites.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-FADS1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	(NP_037534, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen	FADS1 antibody was raised against (NP_037534, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

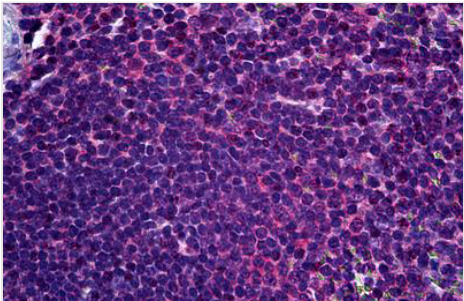
IMAGES



ELISA
Detection limit for recombinant GST tagged FADS1 is approximately 0.03 ng/ml as a capture antibody.



WB (Western Blot)
monoclonal antibody, clone 2D9. Western blot of expression in HeLa NE.



IHC (Immunohistochemistry)
Anti-FADS1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214831730
NCBI GeneID	3992
NCBI Accession #	NP_037534.3
NCBI GenBank Nucleotide #	NM_013402.4
UniProt Accession #	O60427; Q53GM5; Q8N3A6; Q8NCC7; Q8NCG0; Q96I39; Q96SV3; Q96T10; Q9NRP8; Q9NYX1; A8K0I7; B2RAI0
Molecular Weight	42,474 Da
NCBI Official Full Name	fatty acid desaturase 1
NCBI Official Synonym Full Names	fatty acid desaturase 1
NCBI Official Symbol	FADS1
NCBI Official Synonym Symbols	D5D; TU12; FADS6; FADSD5; LLCDL1
NCBI Protein Information	fatty acid desaturase 1; delta-5 desaturase; delta(5) desaturase; delta-5 fatty acid desaturase; delta(5) fatty acid desaturase; linoleoyl-CoA desaturase (delta-6-desaturase)-like 1
UniProt Protein Name	Fatty acid desaturase 1
UniProt Gene Name	FADS1
UniProt Synonym Gene Names	FADSD5; D5D; Delta(5) desaturase; Delta-5 desaturase
UniProt Entry Name	FADS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fads1-antibody-clone-2d9-western-blot-immunohistochemistry-elisa/51882>