Mouse anti-Human ALS2CR8 Monoclonal Antibody | anti-ALS2CR8 antibody

ALS2CR8 (CARF, Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 8 Protein, Calcium-response Factor, Testis Development Protein NYD-SP24, DKFZp667N246, FLJ12675, FLJ21579) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24727	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ALS2CR8; Monoclonal Antibody; ALS2CR8 (CARF; Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 8 Protein; Calcium-response Factor; Testis Development Protein NYD-SP24; DKFZp667N246; FLJ12675; FLJ21579) (Biotin); anti-ALS2CR8 antibody

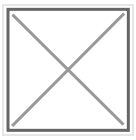
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2A3
Specificity	Recognizes human ALS2CR8.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Sequence Length	725
Applicable Applications for anti-ALS2CR8 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa621-719 from human ALS2CR8 (NP_079020) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	CLTQNNSTASTMGNLPEPDQNLVAMDELVEVGDVEDTGNLEGTVHRILLGDVQTIPIQIIDNHSALIEENPESTISVSQVKQEPKEPALSMEAKNCGL
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

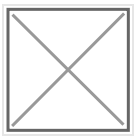
IMAGES

WB (Western Blot)
ALS2CR8 monoclonal antibody, Western Blot analysis of ALS2CR8 expression in Hela NE.

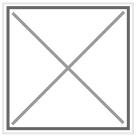
WB (Western Blot)
Western Blot detection against Immunogen (36.89kD).



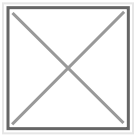
WB (Western Blot)
Western blot analysis of ALS2CR8 over-expressed 293 cell line, cotransfected with ALS2CR8 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ALS2CR8 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



Application Data
Detection limit for recombinant GST tagged ALS2CR8 is ~0.3ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to ALS2CR8 on HeLa cell. [antibody concentration 10ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ALS2CR8 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 1ug/ml].

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALS2CR8 antibody	Antibodies; Disease Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	117956409
NCBI Accession #	NP_079020
NCBI GenBank Nucleotide #	NM_024744
UniProt Accession #	Q8N187
NCBI Official Full Name	calcium-responsive transcription factor isoform 1
UniProt Protein Name	Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein
UniProt Gene Name	**ALS2CR8**
UniProt Synonym Gene Names	CARF; CaRF
UniProt Entry Name	AL2S8_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/als2cr8-antibody-clone-2a3-immunofluorescence-immunohistochemistry-western-blot-elisa/24727