

## 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) (HRP)

|                              |                      |                            |                                                                  |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA25320</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|

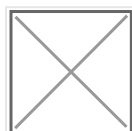
### PRODUCT SYNONYMS

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) (HRP); anti-ALS2CR8 antibody

### PRODUCT SPECIFICATIONS

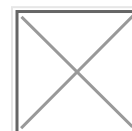
|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 horseradish peroxidase (HRP).                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                   | 725                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-ALS2CR8 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Application Notes                                 | IHC-P: 1ug/ml<br>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                                | CLTQNNSTASTMGNLPEPDQNLVAMDELVEVG DVEDTGNLEGTVHRILLGDVQTIPIQIIDNHSALIEENPESTISVSQVKQEPKEPALSM EAKNCGL                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                                         | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. 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).



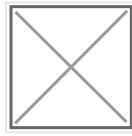
#### WB (Western Blot)

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.



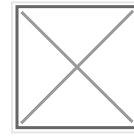
#### Application Data

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 #                  | <a href="#">117956409</a>                                                   |
| NCBI Accession #           | <a href="#">NP_079020</a>                                                   |
| NCBI GenBank Nucleotide #  | <a href="#">NM_024744</a>                                                   |
| UniProt Accession #        | <a href="#">Q8N187</a>                                                      |
| 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          | <b>ALS2CR8</b>                                                              |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/als2cr8-antibody-clone-2a3-immunohistochemistry-western-blot-elisa/25320>