Anti-Neuronal Nuclear Antibody 2 (ANNA-2 / Ri) (ANNA-2 / Ri) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Anti-Neuronal Nuclear Antibody 2 (ANNA-2 / Ri), ELISA Kit
Full Product Name	Mouse Anti-Neuronal Nuclear Antibody 2 (ANNA-2 / Ri) ELISA Kit
Product Gene Name	ANNA-2 / Ri elisa kit
Species Reactivity	Mouse
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	57,562 Da
3D Structure	ModBase 3D Structure for Q80ZD9
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ANNA-2 / Ri elisa kit	MBS262378 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Anti-Neuronal Nuclear Antibody 2 (ANNA-2 / Ri) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing ANNA-2 / Ri. The ELISA analytical biochemical technique of the MBS262378 kit is based on ANNA-2 / Ri antibody-ANNA-2 / Ri antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ANNA-2 / Ri antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ANNA-2 / Ri. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of ANNA-2 / Ri elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANNA-2 / Ri. It may not necessarily be applicable to this product.

NCBI GI #	676774175
NCBI Accession #	KFP02338.1
UniProt Primary Accession #	Q80ZD9
NCBI Official Full Name	Amphoterin-induced protein 2, partial
UniProt Protein Name	Amphoterin-induced protein 2
UniProt Synonym Protein Names	AMIGO-2; Alivin-1
UniProt Gene Name	Amigo2
UniProt Synonym Gene Names	Ali1
UniProt Entry Name	AMGO2_MOUSE

UniProt Comments for ANNA-2 / Ri	AMIGO2: Required for depolarization-dependent survival of cultured cerebellar granule neurons. May mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. May contribute to signal transduction through its intracellular domain. May be required for tumorigenesis of a subset of gastric adenocarcinomas. Belongs to the immunoglobulin superfamily. AMIGO family. Protein type: Membrane protein, integral Cellular Component: membrane; integral to membrane; plasma membrane; nucleus Biological Process: heterophilic cell adhesion; negative regulation of programmed cell death; brain development; homophilic cell adhesion; cell adhesion; negative regulation of apoptosis
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