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Datasheet for ABIN5542456

anti-Ezrin antibody (AA 292-464)

7 Images

1 Publication

Overview

Quantity:	0.1 mg
Target:	Ezrin (EZR)
Binding Specificity:	AA 292-464
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ezrin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human EZR (AA: 292-464) expressed in E. coli.
Clone:	6F1A9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Ezrin (EZR)
Alternative Name:	EZR (EZR Products)
Background:	Description: The cytoplasmic peripheral membrane protein encoded by this gene functions as a

Target Details

protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene.,

Aliases: CVL, CVIL, VIL2, HEL-S-105

Molecular Weight: 69.4 kDa

Gene ID: 7430

HGNC: 7430

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:100-1:400, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

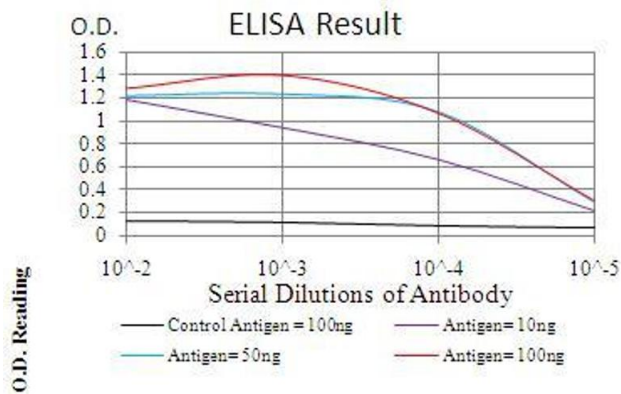
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

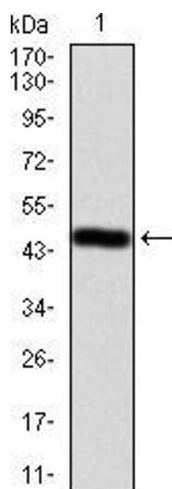
Publications

Product cited in: Popov, Brazhe, Fedotova, Tiaglik, Bychkov, Morozova, Brazhe, Aronov, Lyukmanova, Lazareva, Li, Ponimaskin, Verkhatsky, Semyanov: "A high-fat diet changes astrocytic metabolism to promote synaptic plasticity and behavior." in: **Acta physiologica (Oxford, England)**, pp. e13847, (2022) ([PubMed](#)).



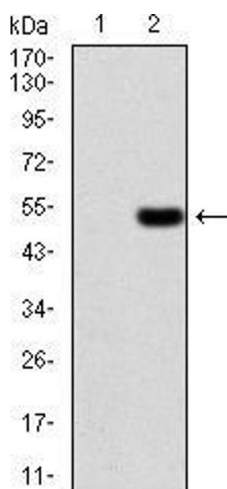
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using EZR mAb against human EZR (AA: 292-464) recombinant protein. (Expected MW is 47.1 kDa)



Western Blotting

Image 3. Western blot analysis using EZR mAb against HEK293 (1) and EZR (AA: 292-464)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5542456.