SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Migis-alpha [29C11] Bulk Size Ab02045-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa
Clone Number: 29C11
Alternative Name(s) of Target: Migis-α; mIgA isotype-specific extracellular peptide; extracellular membrane proximal domain of mIgA α chain
UniProt Accession Number of Target Protein:
Published Application(s): IP, ELISA
Published Species Reactivity: Human
Immunogen: The original antibody was generated by immunizing BALB/c mice with a mouse/human chimeric migis-αL-containing protein.
Specificity: This antibody binds the extracellular peptide called the Migis-α consisting of 26-32 amino acids towards the N-terminal of the human membrane bound IgA, when the lipid rafts are disrupted.
Application Notes: Membrane bound IgA is associated with Igα/Igβ as the B cell receptor (BCR) complex on mIgA-expressing B cells. The α chain of mIgA (mα) contains an extracellular domain that is reported to be an antigenic site suitable for isotype-specific targeting of mIgA-expressing B cells by antibodies. The mAb binds strongly to synthetic peptides of migis-α and to various recombinant proteins containing migis-α as revealed by ELISA. Flow cytometric analysis with B cells suggested that the mAb did not bind strongly to mIgA and required a higher concentration for detection. Immunoprecipitation analysis of these mAbs indicated that mIgA could only be pulled down by 29C11 when mIgA-expressing B cells were solubilized by strong detergents, such as sodium dodecyl sulfate (SDS) or when lipid rafts are disrupted (PMID: 21723611).
Antibody First Published in: Hung et al. Lipid rafts hinder binding of antibodies to the extracellular segment of the membrane-anchor peptide of mIgA. Molecular Immunology (2011) Sep ;48 (15-16):1975-82. PMID:21723611
Note on publication: Describes the generation and characterization of this antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.