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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Anti-Migis-alpha [29C11] Bulk Size Ab02045-23.0-BT

This chimeric rabbit 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: Rabbit IgG, 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:

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PBS only.

Storage Recommendation: Store at 4ºC 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 -20ºC.

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.

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