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Datasheet for ABIN2811731

anti-CLEC12A antibody (AA 61-160) (Alexa Fluor 594)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | CLEC12A |
| Binding Specificity: | AA 61-160 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CLEC12A antibody is conjugated to Alexa Fluor 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human CLEC12A |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | CLEC12A |
| Alternative Name: | CLEC12A (CLEC12A Products) |
| Background: | Synonyms: C-type lectin domain family 12 member A, C-type lectin-like molecule 1, |

Target Details

CL12A_HUMAN, CLEC12A, CLL-1, DCAL-2, Dendritic cell-associated lectin 2, MICL, Myeloid inhibitory C-type lectin-like receptor.

Background: The C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily consists of a variety of proteins that share a common protein fold and have diverse functions, including cell-cell signaling, cell adhesion, glycoprotein turnover and immune responses. CLEC-12A (C-type lectin domain family 12, member A), also known as CLL1, MICL, CLL-1 or DCAL-2, is a 275 amino acid single-pass type II membrane protein that contains one C-type lectin domain and belongs to the CTL/CTLD superfamily. Existing as multiple alternatively spliced isoforms that are expressed in neutrophils, eosinophils, monocytes and dendritic cells, CLEC-12A functions as a cell surface receptor that acts as a negative regulator of granulocyte and monocyte function and, via this activity, modulates signaling cascades. CLEC-12A is highly subject to post-translational glycosylation at its N-terminus and may also exist as a homodimer.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months