

For Research Use Only

CoraLite®594-conjugated CD43 Monoclonal antibody



Catalog Number:CL594-66224

Basic Information

Catalog Number:

CL594-66224

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG23595

GenBank Accession Number:

BC012350

GeneID (NCBI):

6693

ENSEMBL Gene ID:

ENSG00000197471

UNIPROT ID:

P16150

Full Name:

sialophorin

Calculated MW:

400 aa, 43 kDa

Observed MW:

115 kDa

Purification Method:

Protein A purification

CloneNo.:

2A11D6

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human

Positive Controls:

IF : human tonsillitis tissue,

Background Information

CD43, also named leukosialin, sialophorin, galactoglycoprotein, leukocyte sialoglycoprotein, SPN, and is a mucin-like type I transmembrane protein. In humans, it is expressed in haematopoietic cells, including T lymphocytes, monocytes, granulocytes, natural killer cells, platelets, and haematopoietic stem cells, with the exception of mature erythrocytes and B cell subpopulations. The unglycosylated form of CD43 migrates on SDS-PAGE with a molecular weight of 54 kDa (PMID: 2943740), whereas CD43 from different haematopoietic cell lines displays increased molecular weights since it is glycosylated with O-linked chains that differ in core structure and sialylation.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

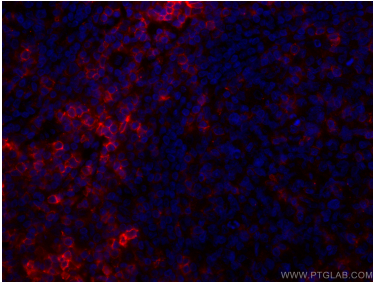
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite®594 CD43 antibody (CL594-66224, Clone: 2A11D6) at dilution of 1:200.