For Research Use Only

CD7 Monoclonal antibody

Catalog Number:60209-2-Ig

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Basic Information

Catalog Number:
60209-2-Ig

Size:
1500 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG1805

GenBank Accession Number:
BC009293

GeneID (NCBI):
924

ENSEMBL Gene ID:
ENSG00000173762

UNIPROT ID:
P09564

Full Name:
CD7 molecule

Calculated MW:
240 aa, 25 kDa

Observed MW:
34 kDa

Purification Method:
Protein A purification

CloneNo.:
2A4E6

Recommended Dilutions:
WB 1:1000-1:4000
IHC 1:1000-1:4000

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells,

IHC : human tonsillitis tissue, human lymphoma tissue, mouse thymus tissue, human appendicitis tissue

Background Information

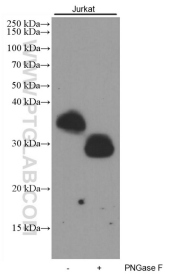
CD7 is a type I transmembrane glycoprotein expressed on thymocytes and mature T cells. It is the most reliable clinical marker of T-cell acute lymphocytic leukemia.

Storage

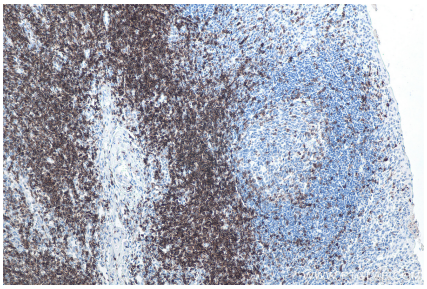
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

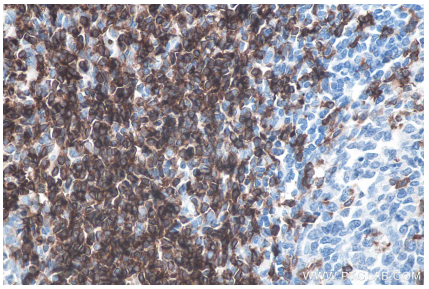
Selected Validation Data



Untreated and PNGase F-treated lysates of Jurkat cells were subjected to SDS PAGE followed by western blot with 60209-2-Ig (CD7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60209-2-Ig (CD7 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).