

For Research Use Only

NKG2A Polyclonal antibody

Catalog Number: 10935-1-AP

2 Publications



Basic Information

Catalog Number:

10935-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1376

GenBank Accession Number:

BC012550

GeneID (NCBI):

3821

UNIPROT ID:

P26715

Full Name:

killer cell lectin-like receptor
subfamily C, member 1

Calculated MW:

26 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:500-1:2000

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

human

**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 : human liver tissue,

IHC : human tonsillitis tissue,

IF-P : human tonsillitis tissue,

Background Information

KLRC1, also known as NKG2A (NKG2) and CD159A, is a single-pass type II membrane protein with extracellular C-type lectin domain. It belongs to the natural killer cell lectin-like receptor family, which is a group of transmembrane proteins preferentially expressed in NK cells. KLRC1 can form a heterodimer with CD94. The NKG2A/CD94 complex is an inhibitory receptor that recognizes HLA-E and is expressed by NK cells and a subset of T cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Li	27483437	PLoS One	
Michelle Sætersmoen	39423821	Med	

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:

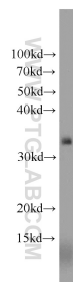
T: 4006900926

E: Proteintech-CN@ptglab.com

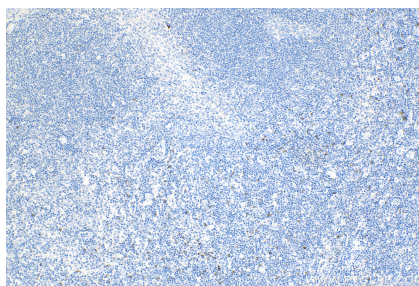
W: ptgcn.com

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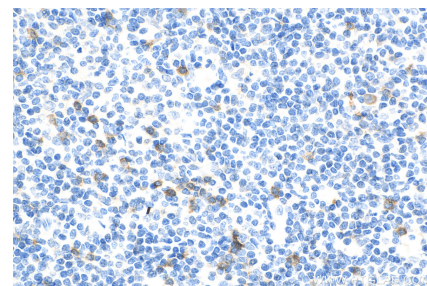
Selected Validation Data



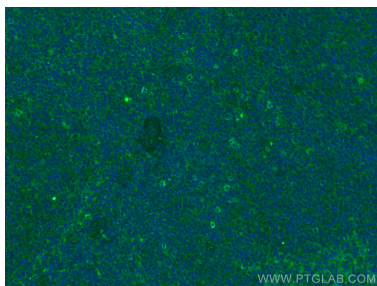
human liver tissue were subjected to SDS PAGE followed by western blot with 10935-1-AP (NKG2A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10935-1-AP (NKG2A antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10935-1-AP (NKG2A antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using NKG2A antibody (10935-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).