

For Research Use Only

Cytokeratin 78 Recombinant monoclonal antibody

Catalog Number: 86328-1-RR



Basic Information

Catalog Number:

86328-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001300814

GeneID (NCBI):

196374

UNIPROT ID:

Q8N1N4

Full Name:

keratin 78

Calculated MW:

56kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

250889G4

Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse skin tissue, rat skin tissue

IHC : human skin tissue,

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

Background Information

The gene of KRT78 is a member of the type II keratin family and encodes a protein with an intermediate filament domain. Keratins are the major structural proteins in epithelial cells, forming a cytoplasmic network of 10 to 12 nm wide intermediate filaments and creating a scaffold that gives cells the ability to withstand mechanical and non-mechanical stresses.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

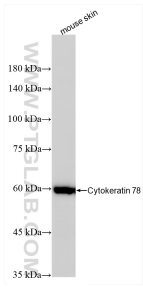
T: 4006900926

E: Proteintech-CN@ptglab.com

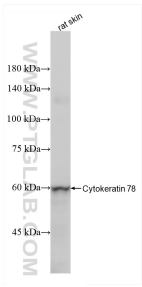
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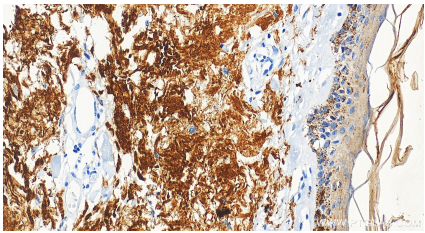
Selected Validation Data



mouse skin tissue were subjected to SDS PAGE followed by western blot with 86328-1-RR (KRT78 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



rat skin tissue were subjected to SDS PAGE followed by western blot with 86328-1-RR (KRT78 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 86328-1-RR (Cytokeratin 78 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).