

Cytokeratin 78 Recombinant monoclonal antibody

Catalog Number: 86328-1-RR

Basic Information

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|---|---|--|
| Catalog Number: 86328-1-RR | GenBank Accession Number: NM_001300814 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 196374 | CloneNo.: 250889G4 |
| Source: Rabbit | UNIPROT ID: Q8N1N4 | Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:500-1:2000 |
| Isotype: IgG | Full Name: keratin 78 | |
| | Calculated MW: 56kDa | |
| | Observed MW: 57 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human, mouse, rat | WB : mouse skin tissue, rat 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 | IHC : human skin tissue, |

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

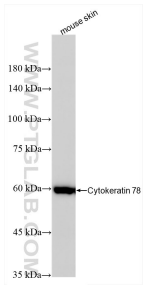
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

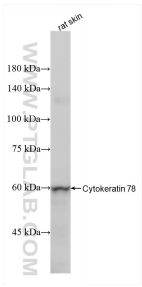
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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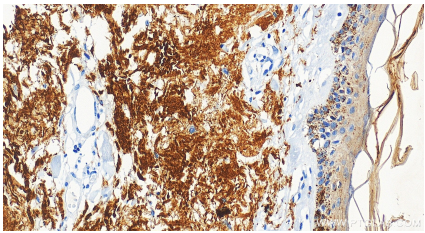
Selected Validation Data



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).