

For Research Use Only

Cytokeratin 78 Recombinant monoclonal antibody

Catalog Number: 86328-1-RR



Basic Information

| | | | | | |
|-----------------|---|---------------------------|--------------|------------------------|--|
| Catalog Number: | 86328-1-RR | GenBank Accession Number: | NM_001300814 | Purification Method: | Protein A purification |
| Size: | 100ul, Concentration: 1000 µg/ml by Nanodrop; | GenID (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: | Positive Controls: |
| WB, IHC, ELISA | WB: mouse skin tissue, rat skin tissue |
| Species Specificity: human, mouse, rat | 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

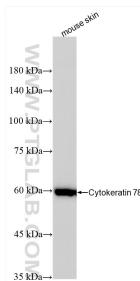
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

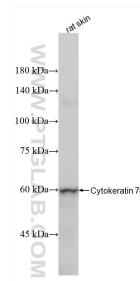
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



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.

