

For Research Use Only

Cytokeratin 78 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86328-1-PBS



Basic Information

Catalog Number:

86328-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

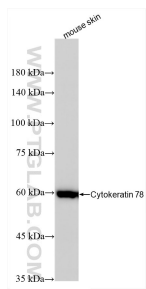
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

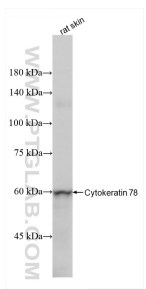
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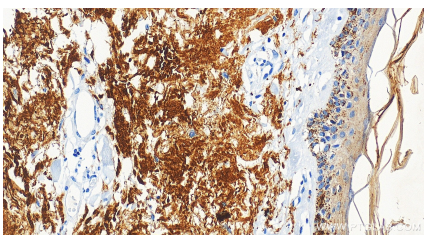
Selected Validation Data



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. This data was developed using the same antibody clone with 86328-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 86328-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86328-1-PBS in a different storage buffer formulation.