

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
Source:	Rabbit	GenID (NCBI):	196374	CloneNo.:	250889G4
Isotype:	IgG	UNIPROT ID:	Q8N1N4	Recommended Dilutions:	WB: 1:1000-1:4000 IHC: 1:500-1:2000
		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

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:

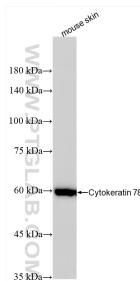
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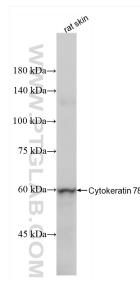
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Selected Validation Data



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.

