

For Research Use Only

Cytokeratin 80 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86313-1-PBS



Basic Information

Catalog Number:	86313-1-PBS	GenBank Accession Number:	BC065180	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	144501	CloneNo.:	250883H5
Source:	Rabbit	UNIPROT ID:	Q6KB66		
Isotype:	IgG	Full Name:	keratin 80		
		Calculated MW:	422 aa, 47 kDa		
		Observed MW:	50 kDa		

Applications

Tested Applications:
WB, IF-P, Indirect ELISA

Species Specificity:
human, mouse

Background Information

KRT80 is a human IF type II epithelial keratin gene involved in the formation of IF heterodimers in various epithelial cells. KRT80 is overexpressed in many neoplasms and plays an essential role in promoting cell proliferation, migration and invasiveness, and is associated with poor prognosis in cancer patients. KRT80 has three isoforms with predicted MW of 50 kDa, 47 kDa, and 54 kDa.

Storage

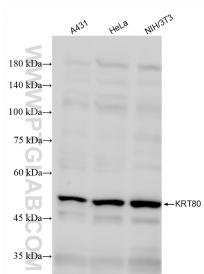
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)

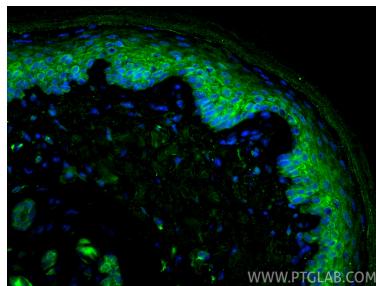
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86313-1-RR (Cytokeratin 80 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86313-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skin tissue using Cytokeratin 80 antibody (86313-1-RR, Clone: 250883H5) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86313-1-PBS in a different storage buffer formulation.



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