

For Research Use Only

Cytokeratin 16 Recombinant monoclonal antibody

Catalog Number: 86235-1-RR



Basic Information

Catalog Number:	86235-1-RR	GenBank Accession Number:	BC039169	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 ug/ml by 3868	GenelD (NCBI):		CloneNo.:	250939G10
Nanodrop:		UNIPROT ID:		Recommended Dilutions:	WB: 1:1000-1:4000
Source:	Rabbit	Full Name:	keratin 16		
Isotype:	IgG	Calculated MW:	473 aa, 51 kDa		
		Observed MW:	48-50 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: HeLa cells, HepG2 cells, A431 cells
Species Specificity:	
human	

Background Information

Cytokeratin 16 is a Type I acidic keratin (classified as KRT16 in the human gene nomenclature) that pairs with Type II basic keratins (e.g., CK-6) to form intermediate filaments in epithelial cells. It is prominently expressed in stratified epithelia, particularly under conditions of stress, proliferation, or pathology. CK-16 is constitutively expressed in specialized epithelia (e.g., nail beds, hair follicles, oral mucosa) but is normally absent in healthy, quiescent skin.

Storage

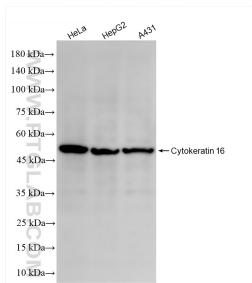
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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 86235-1-RR (KRT16 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.