

For Research Use Only

Cytokeratin 39 Recombinant monoclonal antibody

Catalog Number: 86277-2-RR



Basic Information

Catalog Number:	86277-2-RR	GenBank Accession Number:	BC157887	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	390792	CloneNo.:	250891F5
Source:	Rabbit	UNIPROT ID:	Q6A163	Recommended Dilutions:	WB: 1:2000-1:10000 IHC: 1:1000-1:4000 IF-P: 1:50-1:500 IF/ICC: 1:50-1:500
Isotype:	IgG	Full Name:	keratin 39		
		Observed MW:	45 kDa		

Applications

Tested Applications:	WB, IHC, IF/ICC, IF-P, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB:	T-47D cells, mouse skin tissue, rat skin tissue, HeLa cells, MCF-7 cells, A431 cells, HaCaT cells
		IHC:	mouse esophagus tissue, human skin tissue, mouse 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	IF-P:	mouse skin tissue,
		IF/ICC:	MCF-7 cells,

Background Information

Cytokeratin 39 (CK-39) is a member of the cytokeratin family, a group of intermediate filament proteins primarily expressed in epithelial cells. Cytokeratins are classified into Type I (acidic) and Type II (basic) subfamilies, which pair to form heteropolymers essential for maintaining cellular structural integrity, mechanical stability, and stress resistance. CK-39 is predominantly expressed in stratified and glandular epithelia, such as those found in the prostate, bladder, and respiratory tract. Its expression pattern may vary depending on tissue differentiation states.

Storage

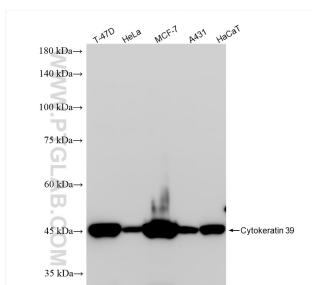
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86277-2-RR (KRT39 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

