

For Research Use Only

Cytokeratin 16 Recombinant antibody, PBS Only

Catalog Number: 86235-1-PBS



Basic Information

Catalog Number:	86235-1-PBS	GenBank Accession Number:	BC039169	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	3868	CloneNo.:	250939G10
Source:	Rabbit	UNIPROT ID:	P08779		
Isotype:	IgG	Full Name:	keratin 16		
		Calculated MW:	473 aa, 51 kDa		
		Observed MW:	48-50 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

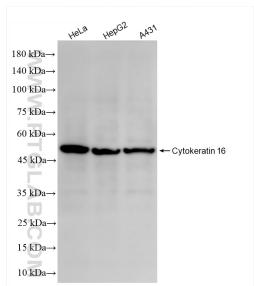
Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:
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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. This data was developed using the same antibody clone with 86235-1-PBS in a different storage buffer formulation.