

For Research Use Only

Cytokeratin 8 Monoclonal antibody

Catalog Number: 68627-1-Ig



Basic Information

Catalog Number: 68627-1-Ig	GenBank Accession Number: BC000654	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 3856	CloneNo.: 1F2H5
Source: Mouse	UNIPROT ID: P05787	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: keratin 8	
Immunogen Catalog Number: AG0488	Calculated MW: 54 kDa	
	Observed MW: 50-52 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : MCF-7 cells, A549 cells, rat colon tissue, mouse colon tissue, T-47D cells, SK-BR-3 cells, SW480 cells, HT-29 cells

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT8 is often paired with keratin 18 in vivo.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

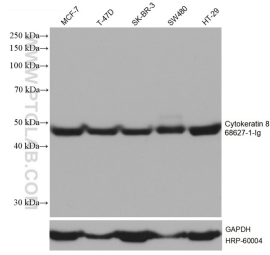
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68627-1-Ig (KRT8 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.