

For Research Use Only

# Cytokeratin 8 Monoclonal antibody

Catalog Number: 60274-1-Ig



## Basic Information

<b>Catalog Number:</b> 60274-1-Ig	<b>GenBank Accession Number:</b> NM_002273	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1130 µg/ml by Nanodrop and 1693 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3856	<b>CloneNo.:</b> 2E10A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P05787	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG3	<b>Full Name:</b> keratin 8	
	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells,
<b>Species Specificity:</b> human	

## 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

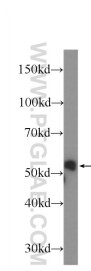
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 60274-1-Ig (Cytokeratin 8 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.