

Recombinant Cytokeratin 5 (KRT5) (Basal, Myoepithelial & Mesothelial Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone KRT5/7500R]

Catalog No	Format	Size
3852-RBM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3852-RBM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3852-RBM9-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	KRT5/7500R
Immunogen	Recombinant fragment (around aa577-590) of the human Cytokeratin 5 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	62.38kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	Expressed in corneal epithelium (at protein level) (PubMed:26758872)

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Cytokeratin 5 (KRT5) (Basal, Myoepithelial & Mesothelial Cell Marker) Antibody

Specificity & Comments

Required for the formation of keratin intermediate filaments in the basal epidermis and maintenance of the skin barrier in response to mechanical stress (By similarity). Regulates the recruitment of Langerhans cells to the epidermis, potentially by modulation of the abundance of macrophage chemotactic cytokines, macrophage inflammatory cytokines and CTNND1 localization in keratinocytes (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.