

Recombinant Cytokeratin 18 (KRT18) Antibody

Rabbit Monoclonal Antibody [Clone MSVA-118R]

Catalog No	Format	Size
3875-RBM17-P0	Purified Ab with BSA and Azide	20 ug
3875-RBM17-P1	Purified Ab with BSA and Azide	100 ug

Applications	Tested Dilution	Note
Immunohistochemistry (IHC)	1:100-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Product Details

Clone	MSVA-118R
Immunogen	Recombinant human full-length KRT18 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	45kDa
Cellular Localization	Cytoplasm, Nucleolus, Nucleus, Perinuclear region
Species Reactivity	Human
Positive Control	Liver: At least a weak to moderate, predominantly membranous staining should be seen in virtually all hepatocytes. Appendix: A strong staining should be seen in all epithelial cells.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Cytokeratin 18 (KRT18) Antibody



Keratin, type I cytoskeletal 18 Rabbit Recombinant Monoclonal Antibody (MSVA118R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

Specificity & Comments

This MAbs reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It was reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.

Supplied As

Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

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.

Research Areas

Autophagy, Developmental Biology

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.
