Catalog # RBMP63-20048
Product Datasheet

Recombinant Cytokeratin, pan (Epithelial Marker) Antibody

Rabbit Monoclonal Antibody [Clone MSVA-000R]

Catalog No	Format	Size
RBMP63-20048-P0	Purified Ab with BSA and Azide	20 ug
RBMP63-20048-P1	Purified Ab with BSA and Azide	100 ug

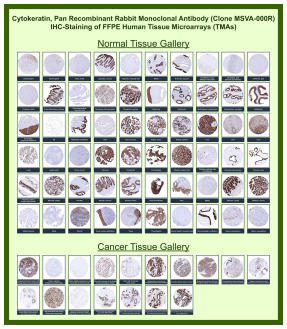
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:100-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the 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-000R
Immunogen	Recombinant fragments and/or synthetic peptides of human Cytokeratin proteins (exact sequences are proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	40-67kDa (Multiple)
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	Liver: A strong staining of all bile duct epithelial cells and an at least moderate, predominantly membranous staining of most hepatocytes should be seen.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Cytokeratin, pan (Epithelial Marker) Antibody



Keratin, type II cytoskeletal 1b Rabbit Recombinant Monoclonal Antibody (MSVA-000R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

Specificity & Comments

MonoPoly antibodies are designed by pooling several monospecific, recombinant monoclonal antibodies against a target. MonoPoly antibodies are a kind of synthetic polyclonal antibodies that can be produced in unlimited quantity with a strict lot-to-lot consistency. These antibodies are highly specific with exquisite sensitivity and a single MonoPoly antibody can be used for a variety of applications. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, with 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 55kDa (CK7); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 46kDa (CK17); 45kDa (CK18), 40kDa (CK19) and 46kDa (CK20). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. This antibody is a broad-spectrum anti pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It is useful in characterizing the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms.

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.

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.