

Recombinant Cytokeratin, Multi (Epithelial Marker) Antibody

Mouse Monoclonal Antibody [Clone rKRT/457]

Catalog No	Format	Size
MSM30-1876-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM30-1876-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM30-1876-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

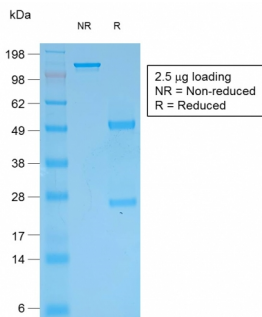
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

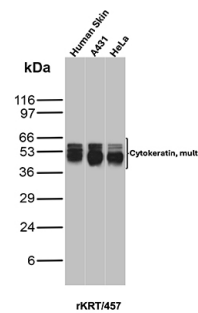
Clone	rKRT/457
Immunogen	Keratin-enriched preparation from cultured human epithelial cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	Multiple
Species Reactivity	Cow, Frog, Goat, Guinea Pig, Human, Monkey, Mouse, Pig, Rat
Positive Control	A431 cells, Colon carcinoma., Skin, HeLa.

*Optimal dilution for a specific application should be determined.

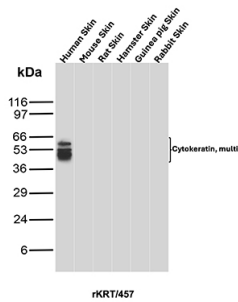
Product Images for Recombinant Cytokeratin, Multi (Epithelial Marker) Antibody



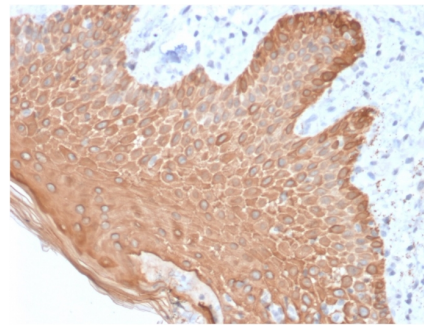
SDS-PAGE Analysis of Purified Multi-Cytokeratin Mouse Recombinant Monoclonal Antibody (rKRT/457).



Western Blot Analysis of Human Skin, A431 and HeLa lysates using Cytokeratin, Multi Mouse Recombinant Monoclonal Antibody (rKRT/457).



Western Blot Analysis of Skin tissue lysates of different species using Cytokeratin, Multi Mouse Recombinant Monoclonal Antibody (rKRT/457).



Formalin-fixed, paraffin-embedded human Skin stained with Multi-Cytokeratin Mouse Recombinant Monoclonal Antibody (rKRT/457).

Specificity & Comments

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, including 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13) and 45kDa (CK18). This is a broad-spectrum antibody, which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

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.

Supplied As

200ug/ml of 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 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.