Recombinant Cytokeratin, Basic (Type II or HMW) Antibody

Mouse Monoclonal Antibody [Clone rKRTH/8883]

Catalog No	Format	Size
MSM58-8883-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM58-8883-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM58-8883-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

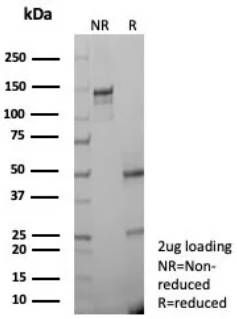
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

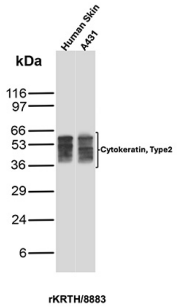
Clone	rKRTH/8883
Immunogen	Recombinant full-length human Cytokeratin, Type II protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	65.84kDa
Species Reactivity	Human
Positive Control	Epithelial cells|Skin or Adenocarcinomas, Skin, A431.

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

Product Images for Recombinant Cytokeratin, Basic (Type II or HMW) Antibody

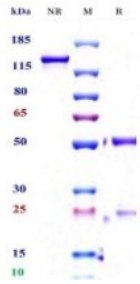


SDS-PAGE Analysis of Purified CK HMW Recombinant Mouse Monoclonal Antibody (rKRTH/8883). Confirmation of Purity and Integrity of Antibody.



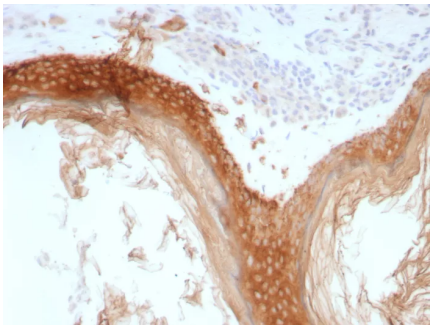
Western Blot Analysis of Human Skin and A431 lysates using CytokeratinHMW Recombinant Mouse Monoclonal Antibody (rKRTH/8883).

Purity: SDS-PAGE



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 96%.

SDS-PAGE Analysis of Purified Recombinant Keratin, type II cytoskeletal 2 oral / KRT76 Mouse Monoclonal Antibody (rKRTH/8883). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human skin stained with Cytokeratin, HMW Recombinant Mouse Monoclonal Antibody (rKRTH/8883). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

This MAb recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50 , 48, 46, 45, and 40kDa. MAb AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa keratins of basic subfamily. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

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.