Recombinant Cytokeratin, Basic (Type II or HMW) Antibody

Rabbit Monoclonal Antibody [Clone KRTH/1576R]

Catalog No	Format	Size
RBM22-1576-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
RBM22-1576-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
RBM22-1576-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

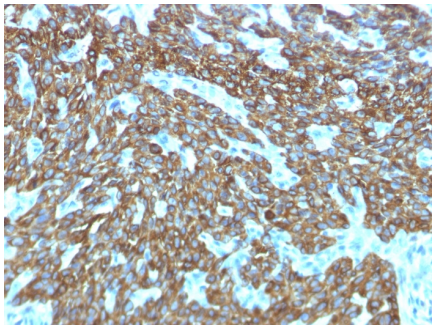
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

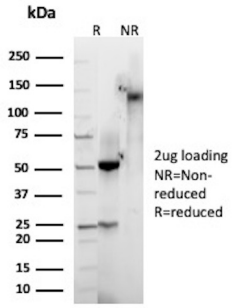
Clone	KRTH/1576R
Immunogen	Recombinant full-length human Cytokeratin, Type II protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	65.84kDa
Species Reactivity	Human
Positive Control	Epithelial cells, Skin or Adenocarcinomas.

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

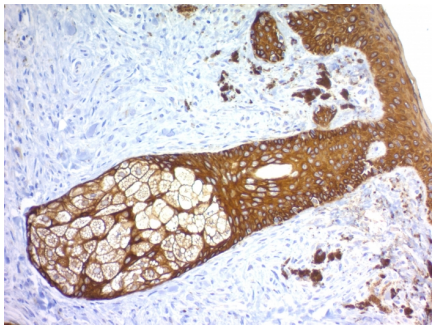
Product Images for Recombinant Cytokeratin, Basic (Type II or HMW) Antibody



Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).



SDS-PAGE Analysis of Purified Keratin, type II cytoskeletal 2 oral Recombinant Rabbit Monoclonal Antibody (KRTH/1576R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

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.