

12-1058: Recombinant Rabbit Monoclonal Antibody to Cytokeratin, Basic (Type II or HMW) (Epithelial Marker) (Clone : KRTH/1576R)

Clonality :	Monoclonal
Clone Name :	KRTH/1576R
Application :	IHC
Reactivity :	Human
Gene :	KRT76
Gene ID :	51350
Uniprot ID :	Q01546
Format :	Purified
Alternative Name :	KRT2B, KRT2P, HUMCYT2A, Keratin, type II Cytoskeletal 2 oral, K76, Keratin 2p (K2P), Keratin-76, Cytokeratin-2P (CK-2P, Type-II Keratin Kb9
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant full-length human KRT76 protein

Description

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.

Product Info

Amount :	20 µg / 100 µg
Purification :	Purified Ab with BSA and Azide at 200ug/ml
Content :	200ug/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/ml for 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);

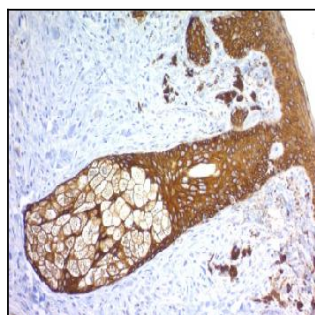


Figure 1 : Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Recombinant Rabbit Monoclonal Antibody (KRTH/1576R).

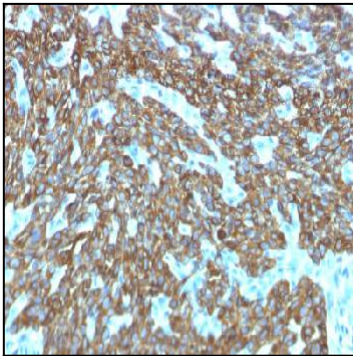


Figure 2: Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

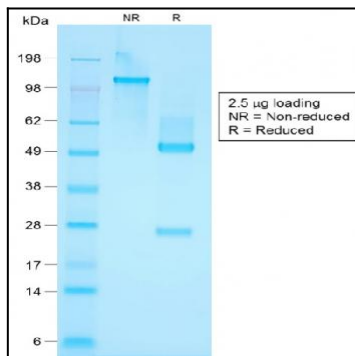


Figure 3: SDS-PAGE Analysis Purified Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).