

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

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

### Description

This MA b 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. MA b 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

<b>Amount :</b>	20 µg / 100 µg
<b>Purification :</b>	Purified Ab with BSA and Azide at 200ug/ml
<b>Content :</b>	200ug/ml of recombinant MA b 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.
<b>Storage condition :</b>	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);

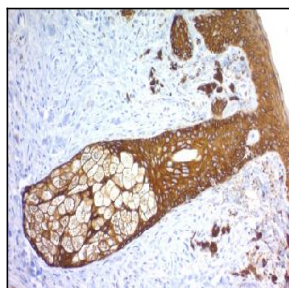


Figure 1 : Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Recombinant Rabbit Monoclonal Antibody (KRTH/1576R).

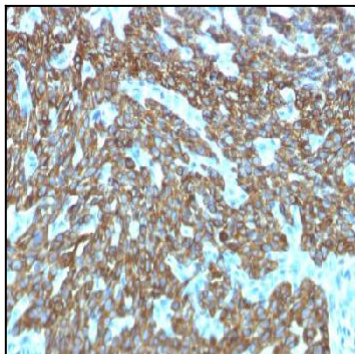


Figure 2: Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

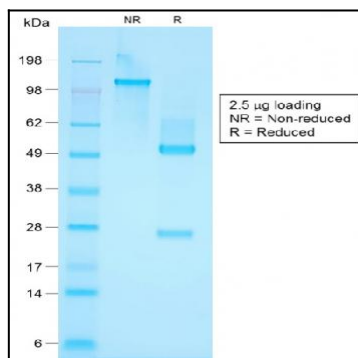


Figure 3: SDS-PAGE Analysis Purified Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).