

## 36-3803: Anti-Cytokeratin, Basic (Type II or HMW) (Epithelial Marker) Monoclonal Antibody(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>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 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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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.
<b>Storage condition :</b>	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.

### Application Note

Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/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&degC followed by cooling at RT for 20 minutes);

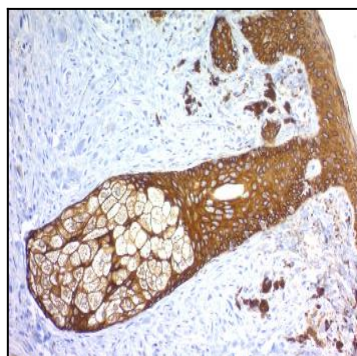


Fig. 1: Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

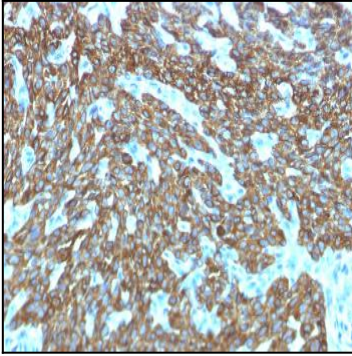


Fig. 2: Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).

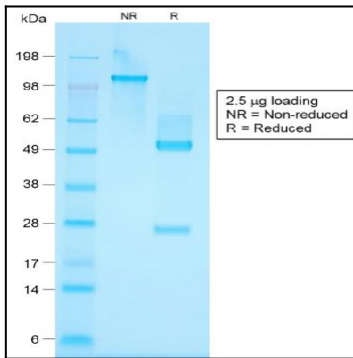


Fig. 3: SDS-PAGE Analysis Purified Cytokeratin, HMW Rabbit Recombinant Monoclonal Antibody (KRTH/1576R).