

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 36-11116: Monoclonal Antibody to Cytokeratin, Basic (Type II or HMW) (Epithelial Marker)(Clone: KRTH/1076)

Clone Name: Monoclonal KRTH/1076

**Application:** IHC

Reactivity: Human, Rat
Gene: KRT76
Gene ID: 51350
Uniprot ID: Q01546
Format: Purified

Alternative Name: KRT76,KRT2B,KRT2P Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant 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 (pl 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

**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) (0.1-0.2ug/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);

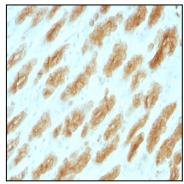


Formalin paraffin human Skin stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).

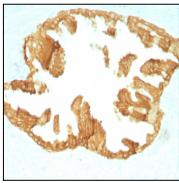


9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com



Formalin paraffin Rat Stomach stained with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).



Formalin paraffin Rat Oviduct with Cytokeratin, HMW Monoclonal Antibody (KRTH/1076).