10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-Cytokeratin, Basic (Type II or HMW) Antibody
Recombinant Rabbit Monoclonal Antibody
Catalog # AH13694

Specification

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Product Information

Application	**,1,14,3,4,**
Primary Accession	Q01546
Other Accession	654392
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal**
Isotype	**Rabbit / IgG, kappa**
Calculated MW	**65841**

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Additional Information

Gene ID 51350

Other Names
KRT2B; KRT2P; HUMCYT2A; Keratin, type II Cytoskeletal 2 oral; K76; Keratin 2p (K2P); Keratin-76; Cytokeratin-2P (CK-2P; Type-II Keratin Kb9

Format
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
Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions
Anti-Cytokeratin, Basic (Type II or HMW) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Protein Information

Name KRT76

Synonyms KRT2B, KRT2P

Function
Probably contributes to terminal cornification.

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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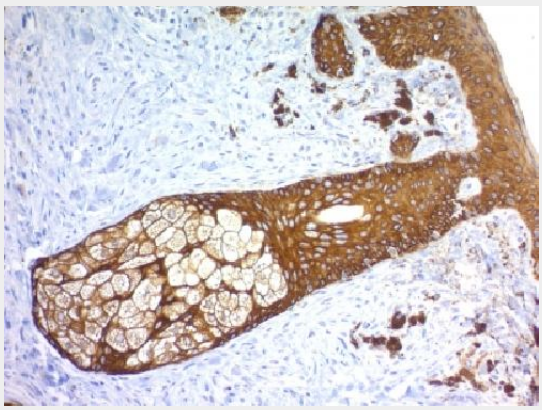
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Images



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

Anti-Cytokeratin, Basic (Type II or HMW) Antibody - Background

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.