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Datasheet for ABIN6178811

## Recombinant anti-Keratin Basic antibody (Biotin)

### Overview

Quantity:	100 µL
Target:	Keratin Basic
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Purpose:	Recombinant Rabbit Monoclonal anti-Cytokeratin, Basic (KRTH/1576R), Biotin Conjugate
Immunogen:	Recombinant full-length human KRT76 protein
Clone:	KRTH-1576R
Isotype:	IgG kappa
Characteristics:	This MAb recognizes basic (Type II or HMW) cytokeratins, which include 67 kDa (CK1), 64 kDa (CK3), 59 kDa (CK4), 58 kDa (CK5), 56 kDa (CK6), 52 kDa (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 40 kDa. MAb AE3 recognizes the 65-67, 64, 59, 58, 56, and 52 kDa keratins of basic subfamily. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. Primary

## Product Details

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antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

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Target:	Keratin Basic
Alternative Name:	Cytokeratin, Basic ( <a href="#">Keratin Basic Products</a> )
Background:	KRT2B, KRT2P, HUMCYT2A, Keratin, type II Cytoskeletal 2 oral, K76, Keratin 2p (K2P), Keratin-76, Cytokeratin-2P (CK-2P, Type-II Keratin Kb9)
Molecular Weight:	52-67 kDa
Gene ID:	51350, 654392
UniProt:	<a href="#">Q01546</a>

## Application Details

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Application Notes:	Immunohistology (formalin) 0.25-0.5 µg/mL <ul style="list-style-type: none"><li>Immunofluorescence 1-2 µg/mL Western blotting 0.5-1 µg/mL</li><li>Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min</li><li>Flow Cytometry 0.5-1 µg/million cells/0.1 mL</li><li>Optimal dilution for a specific application should be determined by user</li></ul>
Comment:	Epithelial cells, Skin or Adenocarcinomas
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.