Datasheet for ABIN6161956

anti-KRT1 antibody (Biotin)

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Overview

Quantity:	100 µL
Target:	KRT1
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Purpose:	Mouse Monoclonal anti-Cytokeratin, HMW (34BE12), Biotin Conjugate
Immunogen:	Solubilized keratin extract from human stratum corneum
Clone:	34BE12
Isotype:	IgG1 kappa
Characteristics:	This antibody recognizes CK1, CK5, CK10 and CK14. In normal epithelia, it stains stratified epithelia, myoepithelial cells and basal cells in the prostate gland and bronchi. This MAb shows no reactivity with hepatocytes, pancreatic acinar cells, proximal renal tubules, or endometrial glands, there is no reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown to be useful in distinguishing prostate adenocarcinoma from benign prostate. This antibody has also been useful in

Product Details

separating benign from malignant intraductal breast proliferations. Primary 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

Target:	KRT1
Alternative Name:	Cytokeratin, HMW (KRT1 Products)
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:	50-67 kDa
Gene ID:	51350, 654392
UniProt:	Q01546

Application Details

Application Notes:	Immunohistology formalin-fixed 0.25-0.5 µg/mL • 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 minutes • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Immunofluorescence 0.5-1.0 µg/mL • Western blotting 0.5-1.0 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	PC12 cells, Skin, Prostate carcinoma
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide

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Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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