

Datasheet for ABIN6937734

Recombinant anti-Cytokeratin 2 antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Cytokeratin 2 (KRT76)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Solubilized keratin extract from human stratum corneum
Clone:	KRTH-2147R
Isotype:	IgG
Specificity:	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.

Cross-Reactivity (Details): Human. Mouse. Rat.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: Cytokeratin 2 (KRT76)

Alternative Name: KRT76 ([KRT76 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,Cytokeratin, Basic (Type II or HMW)
Cellular localisation: Cytoplasmic

Molecular Weight: 50-67kDa

Gene ID: 51350, 654392

UniProt: [Q01546](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Positive_Control: MCF-7, PC12 cells, Skin, Prostate carcinoma.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months