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Datasheet for ABIN7127252

Recombinant anti-Cytokeratin 2 antibody (AA 300-400)

Overview

Quantity:	100 µg
Target:	Cytokeratin 2 (KRT76)
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 2 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Synthetic peptide corresponding to Type II Cytokeratins residues within aa300-400 of Type II Cytokeratins
Isotype:	IgG1
Specificity:	The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation. This antibody can detect high molecular weight CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.
Cross-Reactivity (Details):	Human.

Product Details

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, Type II (Epithelial Marker)
Cellular localisation: Cytoplasmic

Molecular Weight: 66/65/64/57/62/60/51/54kDa

Gene ID: 51350, 654392

UniProt: [Q01546](#)

Application Details

Application Notes: Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes 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: Skin or squamous cell 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