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Datasheet for ABIN7127251

Recombinant anti-Keratin 77 antibody (AA 100-200)

Overview

Quantity:	100 µg
Target:	Keratin 77 (KRT77)
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Keratin 77 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Synthetic peptide corresponding to Type I Cytokeratins residues within aa100-200 of Type I 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 CK10, CK14, CK15 and CK16 and low molecular weight CK19. It usually used in a cytokeratin cocktail with type II cytokeratin antibody.
Cross-Reactivity (Details):	Human.

Product Details

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

Target Details

Target: Keratin 77 (KRT77)

Alternative Name: KRT77 ([KRT77 Products](#))

Background: K1B, KRT1B, K77, CK-1B, Keratin 1B, Keratin-77, Cytokeratin-1B, Cytokeratin, Type I (Epithelial Marker)
Cellular localisation: Cytoplasmic

Molecular Weight: 60/53/51/45/40kDa

Gene ID: 374454, 334989

UniProt: [Q7Z794](#)

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