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Datasheet for ABIN336877
anti-KRT1 antibody

Overview

Quantity:	0.5 mL
Target:	KRT1
Reactivity:	Human, Rat, Mouse, Chicken, Cow, Monkey, Rabbit, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

Product Details

Immunogen:	Human epidermal keratin
Clone:	AE3
Isotype:	IgG1
Specificity:	Molecular Weight: CK1 (67), CK2 (65.5), CK3 (64), CK4 (59), CK5 (58) CK6 (56) and CK8 (52.5).

Target Details

Target:	KRT1
Alternative Name:	Cytokeratin High MW Keratins (KRT1 Products)
Background:	Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue There are two types of Cytokeratins: the low weight, acidic type I cytokeratins and the high weight, basic or neutral type II. Cytokeratins are usually found in pairs comprising a type I Cytokeratin and a type II cytokeratin. The high molecular weight cytokeratins, which are

Target Details

the basic or neutral cytokeratins, comprise subtypes CK1 (67), CK2 (65.5), CK3 (64), CK4 (59), CK5 (58), CK6 (56), CK7 (54), CK8 (52.5) and CK9. The low molecular weight cytokeratins, which are the acidic cytokeratins, comprise subtypes CK10 (56.5), CK12 (56), CK13 (53), CK14 (50), CK16(48), CK17 (46), CK18 (45), CK19(48) and CK20(46).This antibody reacts CK1(67), CK2(65.5), CK3(64), CK4(59), CK5(58) CK6(56) and CK8 (52.5)..

Application Details

Application Notes: IHC, ICC (frozen or formalin-fixed paraffin-embedded (FFPE) tissue sections, cell smears. For IHC dilute conc. antibodies 1:50-1:100, use streptavidin-biotin system or polymer system, incubate 30 minutes at room temperature. Prediluted antibody is ready to be used for IHC. This antibody requires antigen retriever, Trypsin (AR-6541) or citrate buffer (AR-6544). (Follow data sheet for Trypsin, or boil tissue in 10 mM citrate, pH 6.0 for 10-15 minutes followed by cooling for 10-15 minutes at RT). The optimum dilution should be determined by the individual lab.
Positive Control: Human skin, lung ca. Cellular Localization: Cytoplasmic.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The concentrated antibodies are supplied in PBS with 1% BSA, 0.05% azide, pH 7.4. The Prediluted antibody is supplied in our Universal antibody dilution buffer (AR-6526) green in color.

Preservative: Sodium azide

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

Storage: 4 °C