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Datasheet for ABIN6162011 **anti-KRT1 antibody (CF®647)**

Overview

Quantity:	100 µL
Target:	KRT1
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KRT1 antibody is conjugated to CF®647
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Coating (Coat)

Product Details

Purpose:	Mouse Monoclonal anti-Cytokeratin, HMW (KRT10/17), CF647 Conjugate
Immunogen:	Recombinant human KRT10 protein
Clone:	KRT10-17
Isotype:	IgG1 kappa
Characteristics:	<p>This MAb recognizes basic (Type II or HMW) cytokeratins, which include 67 kDa (CK1), 64 kDa (CK3), 59 kDa (CK4), 58 kDa (CK5), 56 kDa (CK6), 52 kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40 kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. 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</p>

Product Details

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, K2P, K76, CK-2P, Keratin 2p, Keratin-76, Cytokeratin 2, Cytokeratin-2P, Type-II Keratin Kb9
Molecular Weight:	67 kDa (CK1), 64 kDa (CK3), 59 kDa (CK4), 58 kDa (CK5), 56 kDa (CK6), 52 kDa (CK8)
Gene ID:	51350, 654392
UniProt:	Q01546

Application Details

Application Notes:	Immunofluorescence 1-2 µg/mL <ul style="list-style-type: none">• Western blotting 0.5-1 µg/mL• ELISA For coating, order Ab without BSA• Predicted to show broad species reactivity
Comment:	Skin, Adenocarcinomas
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light