

Product Datasheet

Anti-Cytokeratin Cocktail Antibody FL550 Conjugate

Overview

Catalog #	MM-1012-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG ₁
Clone Number	Multiple clones
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A Chromatography
Buffer	PBS with 0.09% azide
Applications	IHC, ICC
Species Reactivity	Human
Immunogen	Human epidermal keratin
Molecular Weight	40-67 kDa
Cite this Antibody	Antibodies Inc Cat# MM-1012-FL550, RRID: AB_3095365

Details

Target Description	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 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 recognizes cytokeratins CK1 (67), CK2 (65.5), CK3 (64), CK4 (59) CK5 (58), CK6 (56), CK8 (52.5), CK10 (56.5), CK13 (54) CK14 (50), CK15 (50), CK16 (48), CK18 (45), CK 19 (40)
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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