

Datasheet for ABIN5540212
anti-Keratin Basic antibody (FITC)



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Overview

Quantity:	0.1 mg
Target:	Keratin Basic
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Chicken, Monkey, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	FITC
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Human epidermal keratin.
Clone:	AE3
Isotype:	IgG1
Specificity:	This antibody reacts with CK1(67), CK2(65.5), CK3(64), CK4(59), CK5(58) CK6(56) and CK8 (52.5).
Purification:	Protein A Chromatography

Target Details

Target:	Keratin Basic
Alternative Name:	basic cytokeratin (Keratin Basic Products)
Background:	Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of

Target Details

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).

Application Details

Application Notes:	Immunofluorescence: 10-20 µg/mL (1/10-1/20), incubate for 2 hours in the dark at RT or it can also be incubated overnight at 4 °C. Flow Cytometry: 0.2-1.0 µg/0.1 mL (1/200-1/1,000) (Not tested in our lab).
Restrictions:	For Research Use only

Handling

Format:	Liquid
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,-20 °C
Storage Comment:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: One year from despatch.