abcam

Product datasheet

Anti-HMW Cytokeratin antibody [CK 211 (AE3)], prediluted ab76715

Overview

Product name	Anti-HMW Cytokeratin antibody [CK 211 (AE3)], prediluted
Description	Mouse monoclonal [CK 211 (AE3)] to HMW Cytokeratin, prediluted
Host species	Mouse
Specificity	ab76715 reacts with the high molecular weight cytokeratins CK1(67), CK2(65.5), CK3(64), CK4(59), CK5(58) CK6(56) and CK8 (52.5).
Tested applications	**Suitable for:** IHC-P, IHC-Fr
Species reactivity	**Reacts with:** Mouse, Rat, Rabbit, Chicken, Cow, Human, Pig, Monkey
Immunogen	Human epidermal keratin
Positive control	Human skin and lung carcinoma.

Properties

Form	Prediluted
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.05% Proclin Constituents: 1.2% Sodium chloride, 0.5% Non-mammalian protein, 0.5% Green food dye, 0.3% Tris HCl, 0.025% Triton-X-100
Purity	Protein A purified
Clonality	Monoclonal
Clone number	CK 211 (AE3)
Isotype	IgG1
Light chain type	kappa

Applications

Our Abpromise guarantee covers the use of **ab76715** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		
IHC-Fr		

Application notes

IHC-P: Ready to use. Requires antigen retrieval by boiling tissue in 10 mM citrate, pH 6.0 for 10-15 minutes followed by cooling for 10-15 minutes at RT.
IHC-Fr: Ready to use.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

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).

Cellular localization

Cytoplasmic

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