Product datasheet

anti-Keratin 4, 5, 6, 8, 10, 13, 18 mouse monoclonal, C-11, purified

Short overview

Cat. No.	691544
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	C-11
Immunogen	Cytoskeleton preparation of human A431 carcinoma cell line
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, WB
Reactivity	Cat, Chicken, Dog, Ferret, Goat, Guinea pig, Human, Monkey, Mouse, Rabbit, Rat, Xenopus

Applications

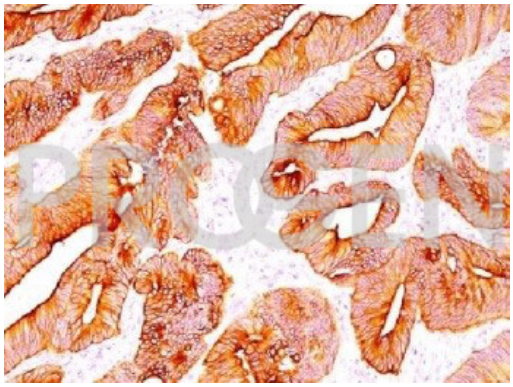
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml, fix cells in 4% PFA for 10 min at 4°C, permeabilize with 0.2% saponin or digitonin for 15 min at 4°C
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 or digestion with trypsin at 1 mg/ml PBS recommended)
Western Blot (WB)	1:100 (1 µg/ml)

Background

C11 reacts with keratins: 4, 5, 6, 8, 10, 13 and 18. This is a broad-spectrum antibody, which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Positive control: A431 cells, skin, lung.

Product images



Colon carcinoma