Datasheet for ABIN6941363

anti-pan Keratin antibody

1 Image

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Overview

Quantity:	100 µg
Target:	pan Keratin (panKRT)
Reactivity:	Human, Rat, Mouse, Cow, Frog, Guinea Pig, Pig, Goat, Marmoset
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This pan Keratin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Keratin-enriched preparation from cultured human A431
Clone:	SPM583
Isotype:	IgG1 kappa
Specificity:	This MAb recognizes cytokeratin 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.
Purification:	Purified by Protein A/G

Target Details

Target:	pan Keratin (panKRT)

Target Details

Alternative Name:	Cytokeratin, Multi (panKRT Products)
Gene ID:	3851, 3852, 3853
UniProt:	P02538, P04259, P13647, P19013, P48668

Application Details

Application Notes:	Positive Control: A431 cells, Skin, Colon carcinoma. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-4 µg/mL), Western Blot (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % 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.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

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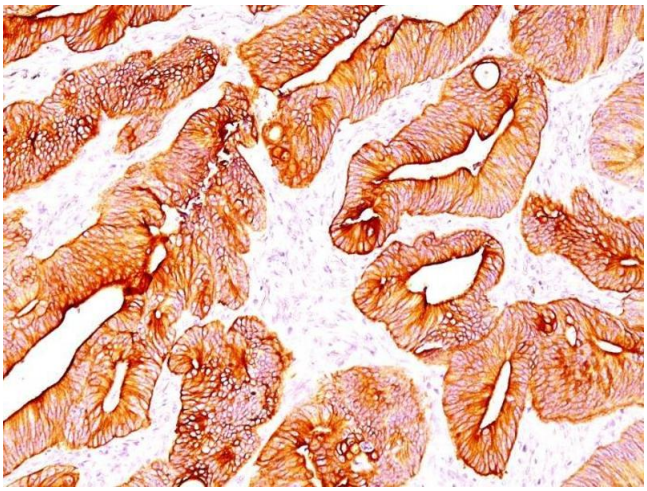

Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded colon (10X) stained with Multi Keratin Monoclonal Antibody (SPM583).

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