

Datasheet

Cytokeratin monoclonal antibody, clone C-11 (APC)

Catalog Number: MAB5131

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native cytokeratin.

Clone Name: C-11

Immunogen: Native purified cytokeratin from Keratin-enriched preparation from human epidermoid carcinoma cell line A431.

Host: Mouse

Reactivity: Human, Mammals

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with Cytokeratin peptides 4, 5, 6, 8, 10, 13, 18. Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.

Form: Liquid

Conjugation: APC

Concentration: 0.1 mg/mL

Isotype: IgG1

Recommend Usage: Flow Cytometry (5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 15 mM sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

References:

1. Determinants of tubular bone marrow-derived cell engraftment after renal ischemia/reperfusion in rats. Broekema M, Harmsen MC, Koerts JA, Petersen AH, van Luyn MJ, Navis G, Popa ER. *Kidney Int.* 2005 Dec;68(6):2572-81.
2. Extraction of cytokeratin from the human submandibular gland and its electrophoretic analysis. Hamakawa H, Sumida T, Tanioka H, Sogawa K, Yamada T. *Res Commun Mol Pathol Pharmacol.* 1998 Aug;101(2):115-26.
3. A series of 14 new monoclonal antibodies to keratins: characterization and value in diagnostic histopathology. Bartek J, Vojtesek B, Staskova Z, Bartkova J, Kerekes Z, Rejthar A, Kovarik J. *J Pathol.* 1991 Jul;164(3):215-24.