

Datasheet

Alginate monoclonal antibody, clone 4B10-1C5 (FITC)

Catalog Number: MAB16781

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against Alginate.

Clone Name: 4B10-1C5

Immunogen: Sodium Alginate conjugated to KLH.

Host: Mouse

Reactivity: Human

Applications: IHC-P, WB

(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

Form: Liquid

Conjugation: FITC

Purification: Protein G purification

Isotype: IgG1, kappa

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

Western Blot (1:1000)

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

Storage Buffer: In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).

Storage Instruction: Store at -20°C.

References:

1. Preparation and characterization of alginate microspheres for sustained protein delivery within tissue scaffolds. Zhai P, Chen XB, Schreyer DJ. *Biofabrication*. 2013 Mar;5(1):015009. doi:

10.1088/1758-5082/5/1/015009. Epub 2013 Jan 10.

2. Purification of alginate and feasible production of monoclonal antibodies by the alginate-immobilized hybridoma cells. Selimoglu SM, Ayyildiz-Tamis D, Gurhan ID, Elibol M. *J Biosci Bioeng*. 2012 Feb;113(2):233-8. doi: 10.1016/j.jbiosc.2011.09.020. Epub 2011 Nov 9.