

Datasheet

LALBA monoclonal antibody, clone F20.16

Catalog Number: MAB7211

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against LALBA.

Clone Name: F20.16

Immunogen: Human LALBA.

Host: Mouse

Reactivity: Human

Applications: IHC, 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

Specificity: alpha Lactalbumin (F20.16). Detects a band of approximately 14 KDa.

Form: Liquid

Isotype: IgM

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

Storage Buffer: In PBS

Storage Instruction: Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3906

Gene Symbol: LALBA

Gene Alias: MGC138521, MGC138523

Gene Summary: This gene encodes alpha-lactalbumin, a principal protein of milk. Alpha-lactalbumin forms the

regulatory subunit of the lactose synthase (LS) heterodimer and beta 1,4-galactosyltransferase (beta4Gal-T1) forms the catalytic component. Together, these proteins enable LS to produce lactose by transferring galactose moieties to glucose. As a monomer, alpha-lactalbumin strongly binds calcium and zinc ions and may possess bactericidal or antitumor activity. A folding variant of alpha-lactalbumin, called HAMLET, likely induces apoptosis in tumor and immature cells. [provided by RefSeq]

References:

1. Production and characterization of monoclonal antibodies to human casein. A monoclonal antibody that cross-reacts with casein and alpha-lactalbumin. Burchell J, Bartek J, Taylor-Papadimitriou J. Hybridoma. 1985 Winter;4(4):341-50.