

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ALPHA LACTALBUMIN (10B3) MOUSE MAB

Cat.#: N261230

Product Name: Anti-alpha Lactalbumin (10B3) Mouse Monoclonal Antibody

Synonyms: Lactose synthase B protein; Alpha-lactalbumin; Lactalbumin alpha; MGC138521

UNIPROT ID: P00709

Background: Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N-acetylglucosamine of the oligosaccharide chains in glycoproteins.

Immunogen: Synthetic Peptide of alpha Lactalbumin

Applications: WB,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal **Clone ID:** 10B3-6A7-7A8

MW: Calculated MW: 16 kDa; Observed MW: 16 kDa

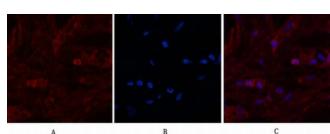
Isotype: IgG1

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Tags & Cell Markers

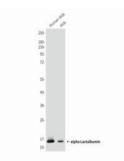
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of alpha Lactalbumin (10B3) in Human breast tissue using alpha Lactalbumin antibody(red),and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using alpha Lactalbumin (10B3) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Western blot analysis of alpha Lactalbumin (10B3) in Human Milk, Milk, lysates using alpha Lactalbumin (10B3) antibody