

Product Datasheet

alpha Lactalbumin (10B3) Mouse mAb

Catalog No: AB3520

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF



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Information

UniProt ID: P00709

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

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 16kDa

Application

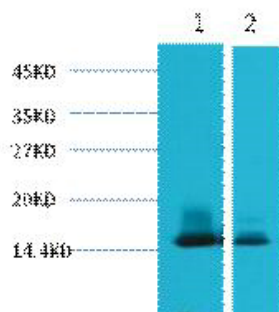
WB: 1/500-1/1000

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P00709.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.RegionsFeature keyPosition(s)Description



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

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