alpha Lactalbumin Monoclonal Antibody

Catalog No. E-AB-22042

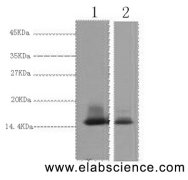
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

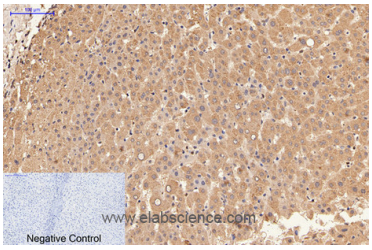
Reactivity	Human
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-300
IF	1:100-1:300

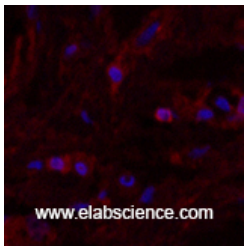
Data



Western Blot analysis of 1) Human Milk, 2) Milk using alpha Lactalbumin Monoclonal Antibody at dilution of 1:3000.
Observed Mw:16kDa



Immunohistochemistry of paraffin-embedded Human liver tissue using alpha Lactalbumin Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Human breast tissue using alpha Lactalbumin Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

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 transfering 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.

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