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alpha Lactalbumin Monoclonal Antibody(9E9)

Catalog # AP63338

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	P00709
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	16225

Additional Information

Gene ID	3906
Other Names	Alpha-lactalbumin (Lactose synthase B protein) (Lysozyme-like protein 7)
Dilution	WB~~WB: 1:1000 IF 1:200 IHC 1:50-300 IHC-P~~WB: 1:1000 IF 1:200 IHC 1:50-300 IF~~1:50~200 ICC~~N/A
Format	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
Storage Conditions	-20℃

Protein Information

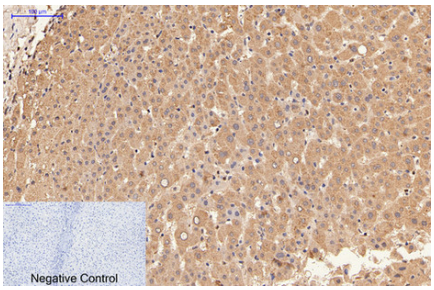
Name	LALBA
Synonyms	LYZL7
Function	Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N- acetylglucosamine of the oligosaccharide chains in glycoproteins.
Cellular Location	Secreted.
Tissue Location	Mammary gland specific. Secreted in milk.

Background

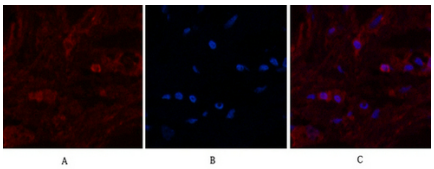
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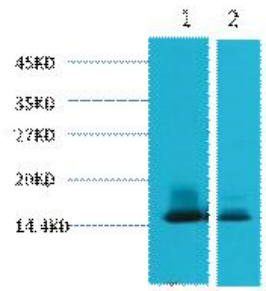
Images



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,alpha Lactalbumin Monoclonal Antibody(9E9) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-breast tissue. 1,alpha Lactalbumin Monoclonal Antibody(9E9)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) Human Milk, 2) Milk, diluted at 1:3000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.