

Mouse anti-Human alpha Lactalbumin Monoclonal Antibody | anti-LALBA antibody

alpha Lactalbumin Monoclonal Antibody (9E9)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320431	Mouse	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

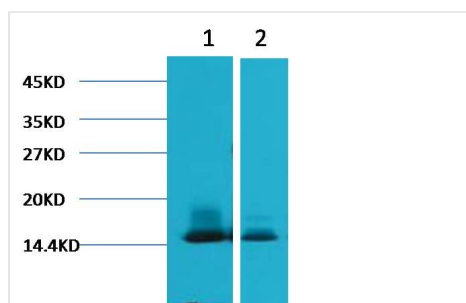
PRODUCT SYNONYMS

alpha Lactalbumin; Monoclonal Antibody; alpha Lactalbumin Monoclonal Antibody (9E9); Alpha-lactalbumin; Alpha-lactalbumin (Lactose synthase B protein)(Lysozyme-like protein 7); anti-LALBA antibody

PRODUCT SPECIFICATIONS

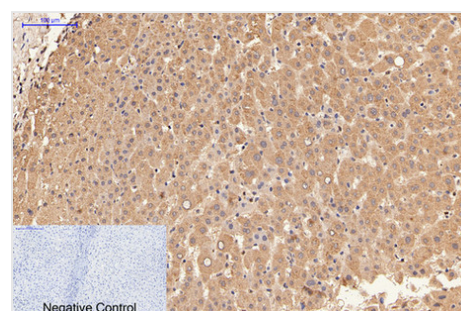
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	9E9
Specificity	The antibody detects endogenous alpha Lactalbumin proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-LALBA antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of alpha Lactalbumin
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



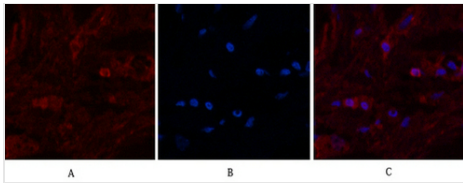
IF (Immunofluorescence)

Immunofluorescence analysis of Human-breast tissue. 1.alpha Lactalbumin Monoclonal Antibody(9E9)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled 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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-LALBA antibody

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, Jul 2008]

Product Categories/Family for anti-LALBA antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504947
NCBI GeneID	3906
NCBI Accession #	NP_002280.1
NCBI GenBank Nucleotide #	NM_002289.2
UniProt Accession #	P00709; Q6FGX0; Q9UDK4
Molecular Weight	16,225 Da
NCBI Official Full Name	alpha-lactalbumin
NCBI Official Synonym Full Names	lactalbumin, alpha-
NCBI Official Symbol	LALBA
NCBI Protein Information	alpha-lactalbumin; lysozyme-like protein 7; lactose synthase B protein
UniProt Protein Name	Alpha-lactalbumin
UniProt Gene Name	LALBA
UniProt Synonym Gene Names	LYZL7
UniProt Entry Name	LALBA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alpha-lactalbumin-antibody-clone-9e9-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320431>