

## alpha Lactalbumin mouse mAb(9E9) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A10514	Mouse	1 mg/ml	

<b>Applications</b>	WB,IHC,IF,
<b>Reactivity</b>	Human
<b>Dilution</b>	WB: 1:1000 IF 1:200 IHC 1:50-300
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous alpha Lactalbumin proteins.
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthetic Peptide of alpha Lactalbumin
<b>Uniprot No</b>	P00709
<b>Alternative names</b>	Alpha-lactalbumin (Lactose synthase B protein) (Lysozyme-like protein 7)
<b>Form</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	lactalbumin alpha(LALBA) Homo sapiens 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],
<b>Other</b>	LALBA, Alpha-lactalbumin

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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