

alpha Lactalbumin Mouse Monoclonal Antibody(9E9)

Catalog No: RA10362

Basic Information

Host species	Mouse
Applications	WB
Species Cross-Reactivity	H, Bovine
Specificity	alpha Lactalbumin Mouse Monoclonal antibody detects endogenous alpha Lactalbumin proteins.
Recommended dilutions	WB: 1:1,000 Optimal dilutions should be determined by the end user.

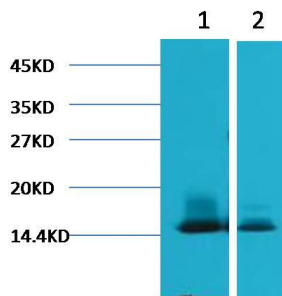
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	
Observed band	16
Human Gene ID	3906
Human Swiss-Prot Number	P00709
Background	In primates, alpha-lactalbumin expression is upregulated in response to the hormone prolactin and increases the production of lactose. α -Lactalbumin forms the regulatory subunit of the lactose synthase (LS) heterodimer and β -1,4-galactosyltransferase (beta4Gal-T1) forms the catalytic component.

Selected Validation Data



Western blot analysis of 1) Human Milk, 2) Milk, with alpha Lactalbumin Mouse mAb diluted at 1:3,000.