



α -Lactalbumin

Mouse monoclonal Antibody

#55248

Catalog Number: 55248

Amount: 100 μ g/100 μ l

Swiss-Prot No. : P00709

GENE ID: 3906

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

Purification: affinity-chromatography

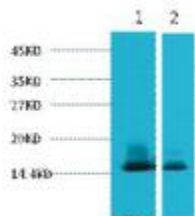
Specificity/Sensitivity: This antibody detects endogenous levels of α -Lactalbumin and does not cross-react with related proteins

AlternativeNames: Lactose synthase B protein, Alpha-lactalbumin, Lactalbumin alpha, MGC138521

Reactivity: Human

Applications:

Predicted MW: 16kd WB:1:1000 IHC:1:200 IF:1:100-300



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

Background: 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.