



Calumenin

Mouse monoclonal Antibody

#53513

Catalog Number: 53513

Amount: 100µg/100µl

Swiss-Prot No. : O43852

Gene name: calu

Gene id: 813

Clone Number: 4C6-G10-B12

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

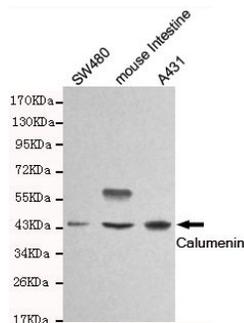
Immunogen: Purified recombinant human Calumenin protein fragments expressed in E.coli

Purification: affinity-chromatography

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

Reactivity: Human, Mouse

Applications: Predicted MW: 37kd WB: 1:1000



Western blot detection of Calumenin in SW480, mouse intestine and A431 cell lysates and using Calumenin mouse mAb (1:1000 diluted). Predicted band size: 37KDa. Observed band size: 45KDa.

Background:

The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified.