

Anti-Galectin 13 LGALS13 Antibody (Monoclonal, ABM4E42)

Catalog Number: M08143

About LGALS13

Multiple isoelectric variants of calponin have been identified, however only two molecular weight isoforms exist; a 34kDa form and a 29kDa form. Expression of the 29kDa form, I-calponin, is primarily restricted to muscle of the urogenital tract, whereas the higher molecular weight variant has been demonstrated in vascular and visceral smooth muscle. In Western blotting, This monoclonal antibody reacts with only the 34kDa form of calponin in extracts of human aortic medial smooth muscle and is unreactive with fibroblast extracts of cultivated human foreskin. Calponin is a calmodulin, F-actin and tropomyosin binding protein, which is thought to be involved in the regulation of smooth muscle contraction. Calponin expression is restricted to smooth muscle cells and has been shown to be a marker of the differentiated (contractile) phenotype of developing smooth muscle.

Overview

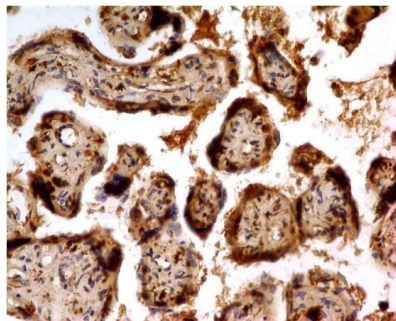
Product Name	Anti-Galectin 13 LGALS13 Antibody (Monoclonal, ABM4E42)
Reactive Species	Human
Description	Boster Bio Anti-Galectin 13 LGALS13 Antibody (Monoclonal, ABM4E42) (Catalog# M08143). Tested in IHC, WB application(s). This antibody reacts with Human.
Conjugate	Biotin
Application	IHC, WB
Clonality	Monoclonal ABM4E42
Formulation	100 µg in 200 µl PBS containing 0.05% stabilizing protein and 0.05% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.
Host	Mouse
Uniprot ID	Q9UHV8

Technical Details

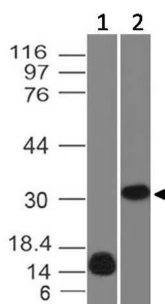
Immunogen	A full length human Galectin-13 protein.
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.

Isotype	IgG2b Kappa
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein G Chromatography
Suggested Dilutions	Western blot: 2-4 µg/ml IHC: 5 µg/ml

Anti-Galectin 13 LGALS13 Antibody (Monoclonal, ABM4E42) (M08143) Images



Immunohistochemical analysis of Galectin 13 in human placenta tissue using Galectin 13 antibody (Clone: ABM4E42) at 5 μ m



Western blot analysis of Galectin 13. Anti-Galectin 13 antibody (Clone: ABM4E42) was tested at 0.5 μ m

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