

Mouse anti-Human Galectin 13 Monoclonal Antibody | anti-LGALS13 antibody

Monoclonal Antibody to Galectin 13 (Clone: ABM4E42) No Azide, No BSA

CATALOG # AAA78502	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

Galectin 13; Monoclonal Antibody; Monoclonal Antibody to Galectin 13 (Clone: ABM4E42) No Azide; No BSA; Galectin-13; PP13; Placental tissue protein 13; Anti-Galectin 13 Antibody; ABM4E42; LGALS13; Cancer Marker; 29124; Q9UHV8; PLAC8; Monoclonal Antibody to Galectin 13(Clone :ABM4E42); Anti Galectin 13 Antibody; Galectin 13 Antibody; anti-LGALS13 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	ABM4E42
Purity/Purification	Protein G Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA. Azide free, low endotoxin.
Sequence Length	139
Applicable Applications for anti-LGALS13 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen	Galectin 13
Immunogen Information	A full length human Galectin-13 protein was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig-2 : Immunohistochemical analysis of Galectin 13 in human placenta tissue using Galectin 13 antibody (Clone: ABM4E42) at 5 ug/ml.



WB (Western Blot)

Fig-1: Western blot analysis of Galectin 13. Anti- Galectin 13 antibody (Clone: ABM4E42) was tested at 2.0 ug/ml on h Testis lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS13 antibody	Galectin-13 (Gal-13) is a glycan-binding protein that regulates innate and adaptive immune responses. It is predominantly expressed by the syncytiotrophoblast and released from the placenta into the maternal circulation. It has the ability to induce apoptosis of activated T cells in vitro, and divert and kill T cells as well as macrophages in the maternal decidua. Gal-13 with its anti-inflammatory functions plays a role in regulation of maternal immune system, a lack of gal-13 contribute to an imbalance in inflammation processes in the placenta during pregnancy and therefore influences development of gestational diabetes mellitus (GDM). Gal-13 levels are low in the first trimester of pregnancy that confers a higher risk for developing pre-eclampsia later in pregnancy.
Product Categories/Family for anti-LGALS13 antibody	Antibodies; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	6650760
NCBI GeneID	29124
UniProt Accession #	Q9UHV8
NCBI Official Full Name	placental protein 13
NCBI Official Synonym Full Names	galectin 13
NCBI Official Symbol	LGALS13
NCBI Official Synonym Symbols	PP13; GAL13; PLAC8
NCBI Protein Information	galactoside-binding soluble lectin 13
UniProt Protein Name	Galactoside-binding soluble lectin 13
UniProt Gene Name	LGALS13
UniProt Synonym Gene Names	PLAC8; Gal-13; PP13
UniProt Entry Name	PP13_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/galectin-13-antibody-clone-abm4e42-western-blot-immunohistochemistry-elisa/78502>