

Rabbit Endomucin Polyclonal Antibody | anti-EMCN antibody

Endomucin Antibody

CATALOG # AAA328961	HOST Rabbit	REACTIVITY Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Sheep(100%), Rabbit(100%), Dog(100%)	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Endomucin; Polyclonal Antibody; Endomucin Antibody; EMCN; EMCN2; Endomucin 2; Endomucin-2; Endothelial sialomucin; Gastric cancer antigen Ga34; MUC-14; MUC14; MUCEN_HUMAN; Mucin 14; Mucin-14; anti-EMCN antibody

PRODUCT SPECIFICATIONS

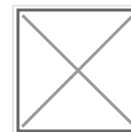
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Endomucin Antibody detects endogenous levels of total Endomucin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	248
Applicable Applications for anti-EMCN antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Endomucin, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328961 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328961 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from MCF7, using Endomucin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EMCN antibody	Function: Endothelial sialomucin, also called endomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix. Post Translational Modifications: Highly O-glycosylated. Sialic acid-rich glycoprotein. Subcellular Location: Cell membrane>Single-pass type I membrane protein. Membrane>Single-pass type I membrane protein. Note: Consistently localized to the plasma membrane and less abundantly to Golgi-like perinuclear stacks.Secreted. Tissue Specificity: Expressed in heart, kidney and lung.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229576885
NCBI GeneID	51705
NCBI Accession #	NP_001153166.1
NCBI GenBank Nucleotide #	NP_001153166.1
UniProt Accession #	Q9ULC0
Molecular Weight	Observed Molecular Weight: (Observed)27kD. Predicted Molecular Weight: (Calculated)27kDa.
NCBI Official Full Name	endomucin isoform 2
NCBI Official Synonym Full Names	endomucin
NCBI Official Symbol	EMCN
NCBI Official Synonym Symbols	EMCN2; MUC14
NCBI Protein Information	endomucin
UniProt Protein Name	Endomucin
UniProt Gene Name	EMCN
UniProt Synonym Gene Names	EMCN2; MUC14; MUC-14
UniProt Entry Name	MUCEN_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/polyclonal/endomucin-antibody-immunocytochemistry-immunofluorescence-elisa/328961>