

Datasheet for ABIN1589831 **anti-Endomucin antibody**



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Overview

Quantity:	100 µg
Target:	Endomucin (EMCN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endomucin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Endomucin antibody
Immunogen:	Recombinant human soluble Endomucin (ABIN1589739)
Isotype:	IgG
Specificity:	Recombinant human soluble Endomucin
Characteristics:	Chromosomal location: 4q24

Target Details

Target:	Endomucin (EMCN)
Alternative Name:	Endomucin (EMCN Products)
Background:	Endomucin-2, Gastric cancer antigen Ga34, Mucin-14, Endomucin (endothelial sialomucin, also Endomucin-1/2 and Mucin-14) is an 80 - 120 kDa glycoprotein member of the Endomucin

Target Details

family of proteins. It is expressed on endothelial cells and depending upon its glycosylation pattern, can serve as either a pro- or anti-adhesive molecule. Mouse Endomucin precursor is 261 amino acids in length. It is type I transmembrane protein that contains a 170 aa extracellular domain (ECD) (aa 21 - 190) and a 50 aa cytoplasmic region. Three splice variants exist in the ECD. One shows a deletion of aa 91 - 141, a second shows a one aa substitution for aa 91 - 129, and a third shows a one aa substitution for aa 129 - 142. Over aa 21 - 90, mouse Endomucin shares 60 % and 30 % aa identity with rat and human Endomucin, respectively.

Gene ID:	51705
NCBI Accession:	NM_001159694 , NP_001153166
UniProt:	Q9ULC0

Application Details

Application Notes:	Western Blot: Use 1-5 µg/mL
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS
Handling Advice:	Centrifuge vial prior to opening.
Storage:	4 °C,-20 °C
Storage Comment:	The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.
Expiry Date:	24 months