

CD59 Monoclonal Antibody

Catalog No: #42018

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

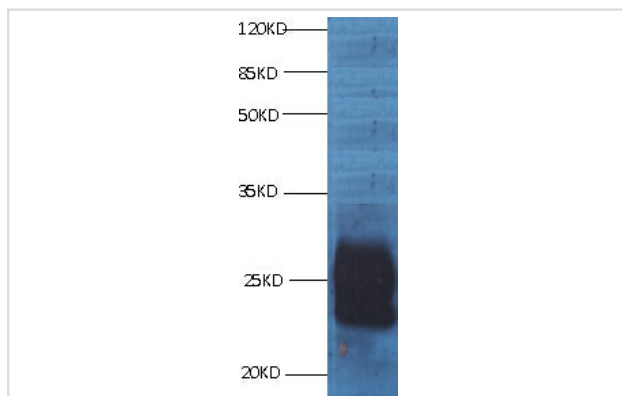
Product Name	CD59 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	specific for Recombinant CD59 Protein denatured and native forms
Immunogen Type	protein
Immunogen Description	Recombinant CD59 Protein
Target Name	CD59
Other Names	CD59 glycoprotein, HRF-20, MAC-IP, MACIF, MIRL, CD59
Accession No.	Swiss-Prot#: P13987
Uniprot	P13987
GeneID	966;
Calculated MW	15kd
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

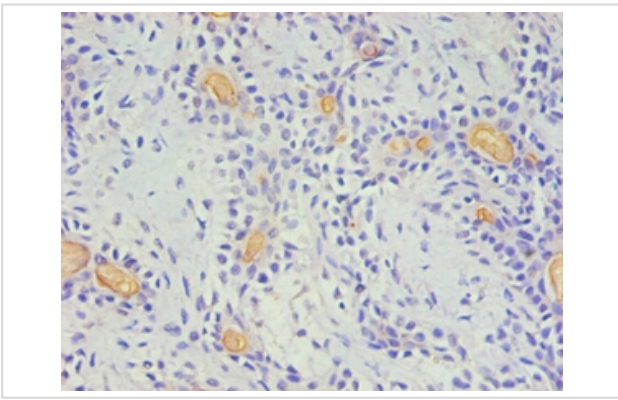
Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

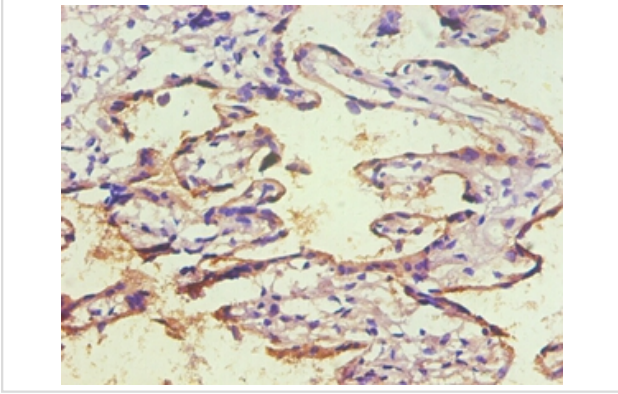
Images



All lanes : Mouse Anti-CD59 monoclonal antibody at 1ug/ml
 Line1:K562
 Predicted band size : 15kd
 Observed band size : 22kd



Immunohistochemical analysis of paraffin-embedded Human breast cancer using #42018 at dilution of 1:200.



Immunohistochemical analysis of paraffin-embedded human placenta tissue using #42018 at dilution of 1:200.

Background

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, MIRL, MACIF, HRF20 and 1F5 antigen, is a cell surface molecule glycoprotein with MW 18-25kd. It acts as a determinant of proximal B⁺ distal cell identity. CD59 acts by binding to the C8 and/or C9 complements of the assembling membrane attack complex (MAC), thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. It is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

Note: This product is for in vitro research use only