

Rat CD59 Monoclonal Antibody | anti-CD59 antibody

RAT ANTI HUMAN CD59

CATALOG #	HOST	APPLICATIONS
AAA49434	Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Functional Assay, Flow Cytometry, Functional Assay, Immunohistochemistry

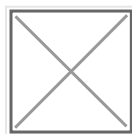
PRODUCT SYNONYMS

CD59; Monoclonal Antibody; RAT ANTI HUMAN CD59; anti-CD59 antibody

PRODUCT SPECIFICATIONS

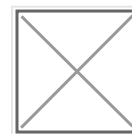
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YTH53.1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	128
Applicable Applications for anti-CD59 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FA (Functional Assay), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Human Peripheral Blood T cells Histology Positive Control Tissue
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Staining of human peripheral blood granulocytes with Rat anti Human CD59



Application Data

Immunoperoxidase staining of formalin fixed, paraffin embedded human placenta with Rat anti Human CD59

ADDITIONAL INFORMATION

Related Product Information for anti-CD59 antibody	Rat anti Human CD59 antibody, clone YTH53.1 recognizes the human CD59 cell surface antigen, an 18-20kD GPI linked glycoprotein broadly expressed by human leucocytes and erythrocytes. Clone YTH53.1 has been shown to block the normal function of CD59.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835165
NCBI GeneID	966
NCBI Accession #	NP_000602.1
NCBI GenBank Nucleotide #	NM_000611.5
UniProt Accession #	P13987
Molecular Weight	14,177 Da
NCBI Official Full Name	CD59 glycoprotein preproprotein
NCBI Official Synonym Full Names	CD59 molecule, complement regulatory protein
NCBI Official Symbol	CD59
NCBI Official Synonym Symbols	1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20
NCBI Protein Information	CD59 glycoprotein; 1F5 antigen; 20 kDa homologous restriction factor; CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344); Ly-6-like protein; MEM43 antigen; T cell-activating protein; human leukocyte antigen MIC11; lymphocytic antigen CD59/MEM43; membrane attack complex (MAC) inhibition factor; membrane attack complex inhibition factor; membrane inhibitor of reactive lysis; protectin; surface anitgen recognized by monoclonal antibody 16.3A5
UniProt Protein Name	CD59 glycoprotein
UniProt Gene Name	CD59
UniProt Synonym Gene Names	MIC11; MIN1; MIN2; MIN3; MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL
UniProt Entry Name	CD59_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd59-antibody-clone-yth53-1-western-blot-immunohistochemistry-immunofluorescence-functional-assay-flow-cytometry-immunohistochemistry-elisa/49434>