

Datasheet for ABIN1449263

anti-CD46 antibody

3 Images



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Overview

Quantity:	0.1 mg
Target:	CD46
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD46 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Human pancreatic carcinoma cell line (AsPC1)
Clone:	TGP3
Isotype:	IgG2a
Purification:	Protein A agarose

Target Details

Target:	CD46
Alternative Name:	CD46 / MCP (CD46 Products)
Background:	CD46, also known as membrane cofactor protein (MCP), was first described as a membrane complement regulator that functions as a cofactor with factor I to cleave complement factors C3b and C4b and thereby protect the cell from complement attack. In humans, CD46 is expressed on all nucleated cells. In the rodent animals, its expression is limited only in testis,

Target Details

indicating that the major function of CD46 among different species lies in fertilization. CD46 and other membrane complement regulatory proteins (CD55 and CD59) are frequently overexpressed on cancer cells, possibly as a mechanism for cancer cells to overcome lysis by complement. Several pathogens, including viruses and bacteria (measles virus, human herpesvirus 6, human group B and D adenoviruses, Streptococcus pyogenes , and pathogenic Neisseria species) have been reported to use CD46 for invasion. Recent evidence also indicates that CD 46 signaling events play an important role in linking innate and acquired immune function.Synonyms: MIC10, Membrane cofactor protein, TLX, Trophoblast leukocyte common antigen

Gene ID: 9606

UniProt: [P15529](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

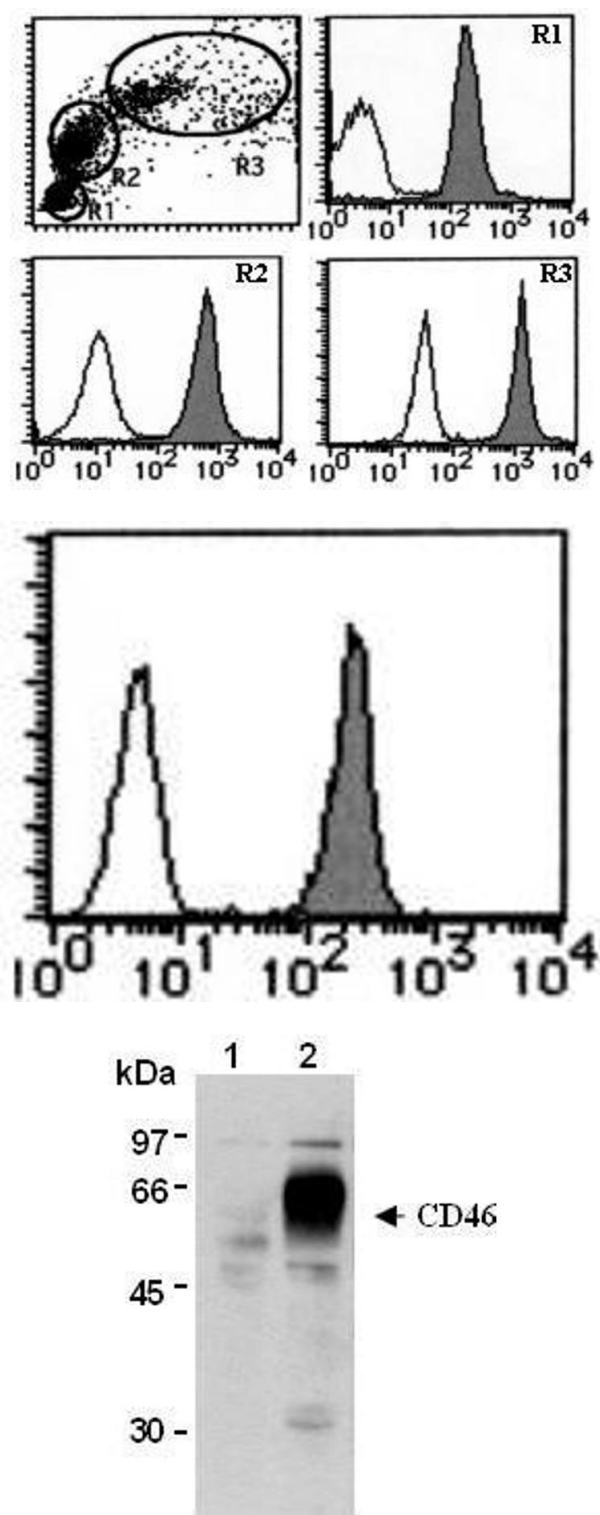
Buffer: PBS containing 50 % glycerol, pH 7.2. No preservative is contained.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Upon receipt, store (in aliquots) at -20 °C.



Flow Cytometry

Image 1.

Flow Cytometry

Image 2.

Western Blotting

Image 3.