

Product datasheet for **AM10193PU-N**

CD46 Mouse Monoclonal Antibody [Clone ID: 3F1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3F1
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/20000-1/100000. Western Blot: 1/2000-1/10002. Flow Cytometry. Immunohistochemistry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant CD46 protein
Specificity:	This antibody reacts with human 44 kDa CD46 protein. Diffuse and duplicated bands can be seen due to the glycosylation of CD46.
Formulation:	PBS State: Purified State: Lyophilized purified antibody Preservative: None
Reconstitution Method:	Restore in distilled water.
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD46 molecule



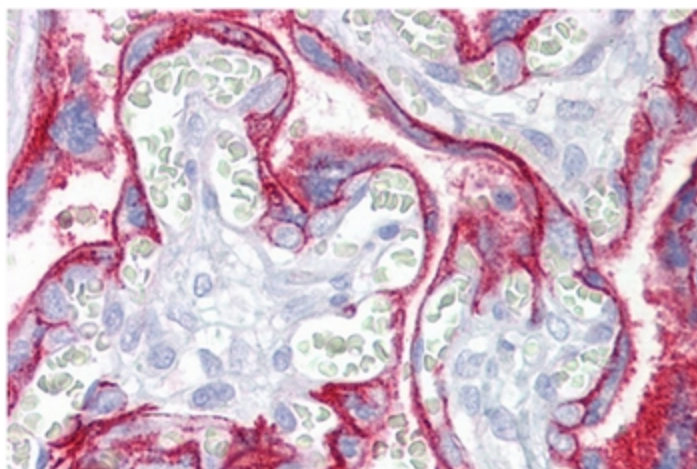
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Database Link: [Entrez Gene 4179 Human P15529](#)

Background: CD46 is one of the membrane complement regulatory proteins. CD46 possesses C3b-binding and factor I cofactor activities which play important roles in the regulation of the complement activation pathway. CD46 is widely distributed on blood cells, endothelial cells, epithelial cells and tumor cell lines. CD46 exists as many isoforms in a variety of tissues. The antigen has a broad distribution and is present on leukocytes, platelets, endothelial cells, epithelial cells and fibroblasts. It is strongly expressed on salivary gland ducts and kidney ducts, moderately on lymphocytes and endothelium, and weakly on interstitial tissues and muscle cells, but not on erythrocytes. It is expressed on thymocytes, B cells, monocytes, granulocytes, NK cells, platelets, epithelial and endothelial cells.

Synonyms: TLX, MIC10

Product images:



Placenta stained in Immunohistochemistry on Paraffin Sections with CD46 antibody