CFAD (Cleaved-Ile26) mouse mAb

Catalog No	YP-mAb-04381
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CFD DF PFD
Protein Name	CFAD (Cleaved-Ile26)
Immunogen	Synthesized peptide derived from human CFAD (Cleaved-Ile26)
Specificity	This antibody detects endogenous levels of Human CFAD (Cleaved-Ile26, protein was cleaved amino acid sequence between 25-26)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Complement factor D (EC 3.4.21.46;Adipsin;C3 convertase activator;Properdin factor D)
Observed Band	25kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	immune effector process, activation of immune response, acute inflammatory response, activation of plasma proteins involved in acute inflammatory response, positive regulation of immune system process, proteolysis, defense response, inflammatory response, immune response, complement activation, complement activation, alternative pathway, humoral immune response, cell surface receptor linked signal transduction, Notch signaling pathway,response to wounding, protein processing, innate immune response, positive regulation of response to stimulus,positive regulation of immune response, protein maturation, protein maturation by peptide bond cleavage,
Background	catalytic activity:Selective cleavage of Arg-|-Lys bond in complement factor B when in complex with complement subcomponent C3b or with cobra venom factor.,disease:Defects in CFD are the cause of complement factor D deficiency [MIM:134350]. This deficiency predisposes to invasive meningococcal

	disease.,function:Factor D cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.,online information:CFD mutation db,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 peptidase S1 domain.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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