

## CFAD (Cleaved-Ile26) rabbit pAb

<b>Catalog No :</b>	YC0146
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CFAD
<b>Fields :</b>	>>Complement and coagulation cascades;>>Staphylococcus aureus infection;>>Coronavirus disease - COVID-19
<b>Gene Name :</b>	CFD DF PFD
<b>Protein Name :</b>	CFAD (Cleaved-Ile26)
<b>Human Gene Id :</b>	1675
<b>Human Swiss Prot No :</b>	P00746
<b>Mouse Gene Id :</b>	11537
<b>Mouse Swiss Prot No :</b>	P03953
<b>Rat Gene Id :</b>	54249
<b>Rat Swiss Prot No :</b>	P32038
<b>Immunogen :</b>	Synthesized peptide derived from human CFAD (Cleaved-Ile26)
<b>Specificity :</b>	This antibody detects endogenous levels of Human CFAD (Cleaved-Ile26, protein was cleaved amino acid sequence between 25-26 )
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000 ELISA 1:5000-20000

**Purification :** The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

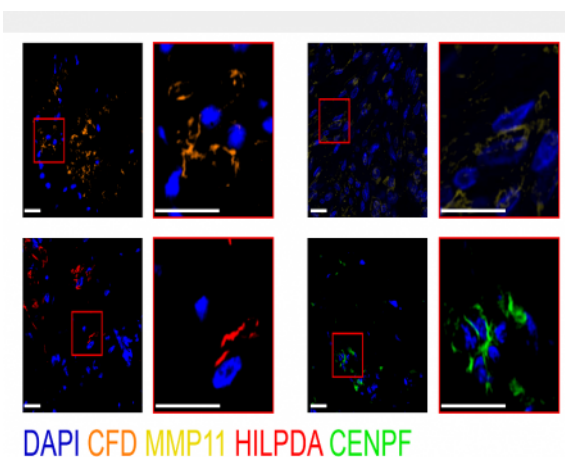
**Observed Band :** 25kD

**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.,

**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,

**Subcellular Location :** Secreted.

## Products Images



Pan-cancer spatially resolved single-cell analysis reveals the crosstalk between cancer-associated fibroblasts and tumor microenvironment. Molecular Cancer Qiang Feng IF Human breast cancer (BRCA) tissue,liver hepatocellular carcinoma (LIHC) tissue