

PRF1

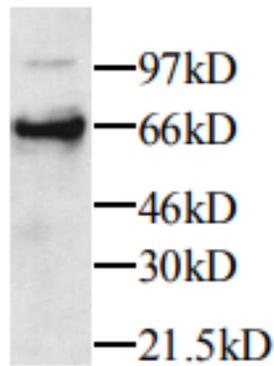
Rabbit Anti-Rat Perforin 1 Neutralizing pAb

Catalog No.	CPP100	Quantity:	200 µg
Alternate Names:	P1, cytolyisin, lymphocyte pore-forming protein		
Description:	Perforin (PRF1) was originally cloned from Mouse cytotoxic T-lymphocyte (CTL). It is a 555-amino acid protein with a 21-amino acid signal peptide. PRF1 is a cytolytic mediator produced by killer lymphocytes, and is stored in and released by cytoplasmic granules. It is involved in the killing mediated by CTL which represents an important mechanism in the immune defense against tumors and virus infections.		
Gene ID:	50669		
UniProtKB:	Q5FVS5		
Specificity:	Rat PRF1		
Host:	Rabbit		
Immunogen:	Recombinant Rat PRF1		
Isotype:	IgG		
Conjugate:	Unconjugated		
Formulation:	Lyophilized with 0.05% sodium azide.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µL sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/mL.		
Cross-Reactivity:	Reacts with both mouse and rat perforin.		
Applications:	Western Blot (WB), Immunohistochemistry (IHC)		
Application Notes:	WB: working dilution of 1:1000. IHC: working dilution of 1:100-1:300. The optimal concentration should be determined by the user for each specific application.		

Storage & Stability: Store at 4 °C for short term or in working aliquots at -20 °C for long term storage. **Avoid repeated freeze-thaw cycles.**



Western blot detection of rat perforin from kidney tissue lysate on Day 3 in glomerular nephritis model.



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