

CAB22265

Product Information

Product SKU:	CAB22265	Gene ID:	12266	Size:	20uL, 100uL
Clone No:	ARC56851	Host Species:	Rabbit	Reactivity:	Mouse,Rat

Additional Information

Observed MW:	115kDa/187kDa	Conjugate:	Unconjugated
Calculated MW:	186kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes complement protein C3 which plays a central role in the classical, alternative and lectin activation pathways of the complement system. The encoded preproprotein undergoes a multi-step processing to generate various functional peptides. Mice deficient in the encoded protein fail to clear bacteria from the blood stream upon infection, display diminished airway hyperresponsiveness and lung eosinophilia upon allergen-induced pulmonary allergy, and develop severe lung injury after deposition of IgG immune complexes. Deficiency of the homolog of the encoded protein in humans was found to be associated with increased susceptibility to infections, age-related macular degeneration, and atypical hemolytic uremic syndrome.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	ASP; Plp; HSE-MSF; Complement C3
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1364-1663 of mouse Complement C3 (NP_033908.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.