

CAB22047

Product Information

Product SKU:	CAB22047	Gene ID:	1511	Size:	20uL, 100uL
Clone No:	ARC54789	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	Refer to figures	Conjugate:	Unconjugated
Calculated MW:	29kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene, a member of the peptidase S1 protein family, is found in azurophil granules of neutrophilic polymorphonuclear leukocytes. The encoded protease has a specificity similar to that of chymotrypsin C, and may participate in the killing and digestion of engulfed pathogens, and in connective tissue remodeling at sites of inflammation. In addition, the encoded protein is antimicrobial, with bacteriocidal activity against *S. aureus* and *N. gonorrhoeae*. Transcript variants utilizing alternative polyadenylation signals exist for this gene.

Recommended Dilution: IF/ICC, 1:50 - 1:200

Synonyms: CG; CATG; Cathepsin G

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 156-255 of human Cathepsin G (NP_001902.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.