

Product datasheet for **AM33483PU-N**

Complement C5 (C5) Mouse Monoclonal Antibody [Clone ID: 6H13]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6H13
Applications:	ELISA, Neutralize, WB
Recommended Dilution:	ELISA. Western Blot: 1/500-1/1000. Neutralization.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human Complement Component C5/C5a
Specificity:	This antibody was selected for its ability to detect Human Complement C5-C5a.
Formulation:	Sterile PBS State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 0.2 ml sterile water and the final concentration is 0.5 mg/ml.
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 5
Database Link:	Entrez Gene 727 Human P01031



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Background: Human complement 5a (C5a) is an enzymatically generated glycoprotein that belongs to a family of structurally and functionally related proteins known as anaphylatoxins. C5a is a 74 amino acid (aa) peptide that is created by the activity of C5a convertase on the C5 alpha-chain. Human C5a has four alpha-helices plus three intrachain disulfide bonds that create a triple loop structure.

Synonyms: CPAMD4, Complement component 5