

## Product datasheet for **AM05624PU-N**

### Complement factor B (CFB) (Bb Fragment) Mouse Monoclonal Antibody [Clone ID: 032B-22.1.X]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	032B-22.1.X
Applications:	ELISA, FC, WB
Recommended Dilution:	Flow Cytometry. ELISA. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Binds neoantigen of fragment Bb from human complement factor B.
Specificity:	This antibody recognises a neoantigen of the Bb fragment of complement factor B.
Formulation:	Borate buffered saline pH8.2 - 8.4 containing 0.02% Sodium Azide (NaN <sub>3</sub> ) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Homo sapiens complement factor B (CFB)
Database Link:	<a href="#">Entrez Gene 629 Human</a> <a href="#">P00751</a>



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<b>Background:</b>	Factor B is present in blood serum. C3b associates with complement factor B, inducing conformational change. This enables complement factor D to cleave the N-terminal of complement factor B (the Ba subunit) leaving the 63 kDa Bb subunit associated with C3b and forming C3 convertase. Subunit Bb is involved in the proliferation of preactivated B lymphocytes. Conversely, Ba inhibits lymphocyte proliferation.
<b>Synonyms:</b>	Properdin factor B, C3/C5 convertase, PBF2, CFB, BF, BFD
<b>Protein Families:</b>	Druggable Genome, Protease, Secreted Protein
<b>Protein Pathways:</b>	Complement and coagulation cascades