

Product datasheet for **AM26369LE-N**

C3 Mouse Monoclonal Antibody [Clone ID: 2B10B9B2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2B10B9B2
Applications:	ELISA, WB
Recommended Dilution:	Immunoassays. Western blot: The typical starting working dilution is 1:50. Not useful for immunoprecipitation.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	The monoclonal antibody 2B10B9B2 reacts with an epitope on C3b. The antibody reacts both with intact C3 and C3b.
Formulation:	State: Low Endotoxin Preservative: 0.02% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 3
Database Link:	Entrez Gene 24232 Rat P01026



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Background:

The complement factor C3 consists of an alpha- and a beta-chain. C3 is a central factor in the complement cascade. It is central to the alternative pathway that leads to the C3 convertase C3bBb. The classical and mannose binding lectin activation pathways lead to the C3 convertase C4b2a. These convertases cleave C3 resulting in C3a and C3b. Further degradation leads to formation of the alpha-chain products C3d, C3g and C3c. C3 is an acute phase protein that is produced by a wide range of tissues including renal epithelial cells and hepatocytes.

Synonyms:

CPAMD1, Complement component 3