

## Complement C3 (C3) Antibody (HRP)

Catalogue No.: abx108118

Complement C3 (C3) Antibody (HRP) is a Rabbit Polyclonal antibody conjugated to HRP against Complement C3. C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes.

<b>Target:</b>	Complement C3 (C3)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Mouse
<b>Tested Applications:</b>	ELISA
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	HRP
<b>Immunogen:</b>	Recombinant mouse Complement C3 protein (1321-1663AA).
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purity:</b>	> 95%
<b>Purification:</b>	Purified by Protein G.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P01027 ( <a href="#">UniProt</a> , <a href="#">ExpASY</a> )
<b>Gene Symbol:</b>	C3
<b>GeneID:</b>	<a href="#">12266</a>
<b>NCBI Accession:</b>	NP_033908.2, NM_009778.3

# Datasheet

Version: 1.0.0  
Revision date: 22 Nov 2024



**KEGG:** mmu:12266

**Ensembl:** ENSMUSG00000024164

**String:** [10090.ENSMUSP00000024988](#)

**Buffer:** 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

**Note:** This product is for research use only.

For Reference Only