

## Anti-C4A Monoclonal Antibody

Catalog Number: M01095-1

### About C4A

Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium.

### Overview

Product Name	Anti-C4A Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-C4A Monoclonal Antibody catalog # M01095-1. Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human.
Conjugate	FITC
Application	Flow Cytometry, IHC, WB
Clonality	Monoclonal AFHB-3
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P0C0L4

### Technical Details

Immunogen	A synthesized peptide derived from human C4A
Predicted Reactive Species	Human, Primate
Cross Reactivity	Detects ~20kDa. Does not cross-react with alphaB-crystallin, betaL-crystallin, ̢H- crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

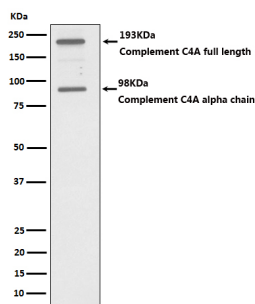
Boster Bio's internal QC testing used:

WB 1:500-1:2000

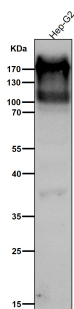
IHC 1:50-1:200

FC 1:50

## Anti-C4A Monoclonal Antibody (M01095-1) Images



Western blot analysis of C4A expression in HepG2 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

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