Recombinant Anti-C1QBP Antibody (V3S-0822-YC440)

Cat. No.: V3S-0822-YC440

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing complement C1q binding protein. It can be used for C1QBP detection in Immunohistochemistry-Paraffin (IHC-P), Western Blot (WB), Immunoprecipitation (IP), Enzyme-Linked Immunosorbent Assay (ELISA), Flow Cytometry (FC), Immunocytochemistry (ICC), Immunofluorescence (IF). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Mouse, Rat, Human
Immunogen	Bacterial expressed recombinant full length protein GC1q R
Isotype	IgG1
Isotype Control	C60052; C51237
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C52760; C17603; C65740

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Purification	Protein G purified
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	IHC-P; WB; IP; ELISA; FC; ICC; IF

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-biolabs.com
Tel: 1-631-381-2994 Fax: 1-631-207-8356

Target

Target	C1QBP
Alternative Name	C1QBP; complement C1q binding protein; p32; HABP1; gC1qR; GC1QBP; SF2p32; gC1Q-R
Gene ID	708
UniProt	Q07021
Introduction	The human complement subcomponent C1q associates with C1r and C1s in order to yield th e first component of the serum complement system. The protein encoded by this gene is kno wn to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluro nic acid-binding protein.
Research Area	Immunology; Microbiology

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