Mouse BOC Alexa Fluor® 647-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2385R
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse BOC in direct ELISAs and Western blots. In Western blots, approximately 25% cross-reactivity with recombinant human BOC is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse BOC Asp26-Lys508 (Gln ins) Val509-Asp846 Accession # AAH78631
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

BOC and CDO (cell adhesion molecule-related/down-regulated by oncogenes) are cell surface receptors belonging to the Ig/fibronectin type III (FNIII) repeat family. Both proteins have five Ig repeats and three FNIII repeats in their extracellular domains, an arrangement shared by Robo proteins. BOC and CDO are co-expressed in muscle precursor cells during development. BOC associates with CDO in *cis* and forms complexes with cadherins to regulate myogenic differentiation.

PRODUCT SPECIFIC NOTICES

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