

## Anti-RHOG Antibody (Monoclonal, 33R43)

Catalog Number: M03485

### About RHOG

This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The encoded protein facilitates translocation of a functional guanine nucleotide exchange factor (GEF) complex from the cytoplasm to the plasma membrane where ras-related C3 botulinum toxin substrate 1 is activated to promote lamellipodium formation and cell migration. Two related pseudogene have been identified on chromosomes 20 and X.

### Overview

Product Name	Anti-RHOG Antibody (Monoclonal, 33R43)
Reactive Species	Human, Monkey
Description	Boster Bio Anti-RHOG Antibody (Monoclonal, 33R43) catalog # M03485. Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Monkey.
Application	Flow Cytometry, WB
Clonality	Monoclonal 33R43
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P84095

### Technical Details

Immunogen	Synthetic peptide within human RHOG aa 3-48.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Flow Cytometry (Fixed), 1:50-200

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