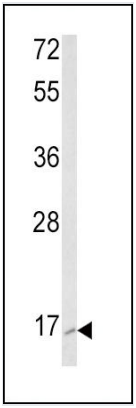
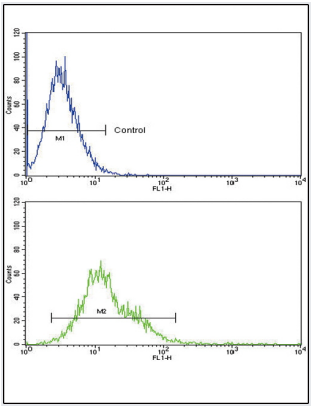
RAC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RAC2, Polyclonal Antibody
Full Product Name	RAC2, CT (GX, Small G-Protein, p21-Rac2, Ras-related C3 Botulinum Toxin Substrate 2) (FITC)
Product Gene Name	anti-RAC2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human RAC2.1
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	192
Chromosome Location	Chromosome: 22; NC_000022.10 (37621301..37640339, complement). Location: 22q13.1
OMIM	602049
3D Structure	ModBase 3D Structure for P15153
Immunogen	Synthetic peptide selected from the C-terminal region of human RAC2 (KLH).
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-RAC2 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-RAC2 antibody	Western Blot (WB), FLISA
Application Notes for anti-RAC2 antibody	WB: 1:100-1:500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RAC2 antibody	MBS6496433 is an antibody targeting RAC2. Also known as RAC2, CT (GX, Small G-Protein, p21-Rac2, Ras-related C3 Botulinum Toxin Substrate 2) (FITC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-RAC2 antibody	1. Reibel, L., et.al., Biochem. Biophys. Res. Commun. 175(2), 451-458 (1991). 2. Brechard, S., et.al., J. Leukoc. Biol. 85(4), 638-647 (2009).
Other Notes	Small volumes of anti-RAC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RAC2 antibody
Western blot analysis of RAC2 Antibody (C-term) in K562 cell line lysates (35ug/lane). RAC2 (arrow) was detected using the purified Pab.



Flow Cytometry (FC/FACS) of anti-RAC2 antibody
RAC2 Antibody (C-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAC2. It may not necessarily be applicable to this product.

NCBI GI #	4506381
NCBI GeneID	5880
NCBI Accession #	NP_002863.1
UniProt Primary Accession #	P15153
UniProt Secondary Accession #	Q9UDJ4
UniProt Related Accession #	P15153; AAB22207
GenBank Nucleotide #	NM_002872.4
NCBI Official Full Name	ras-related C3 botulinum toxin substrate 2
NCBI Official Synonym Full Names	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
NCBI Official Symbol	RAC2
NCBI Official Synonym Symbols	Gx; EN-7; HSPC022; p21-Rac2
UniProt Protein Name	Ras-related C3 botulinum toxin substrate 2
UniProt Synonym Protein Names	GX; Small G protein; p21-Rac2
Protein Family	Rac-like GTP-binding protein
UniProt Gene Name	RAC2
UniProt Entry Name	RAC2_HUMAN
NCBI Protein Information	ras-related C3 botulinum toxin substrate 2; small G protein; Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein Rac2)
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