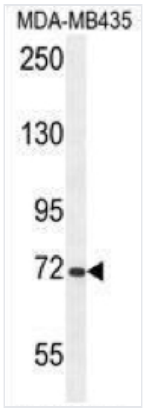
ARHGAP10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

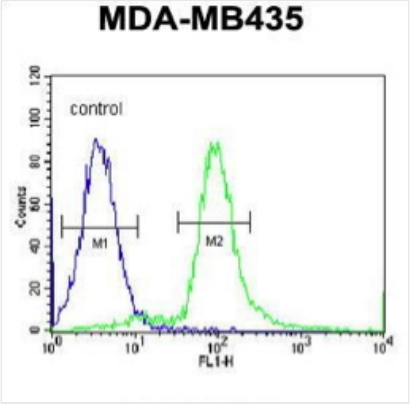
Product Name	ARHGAP10, Polyclonal Antibody
Full Product Name	ARHGAP10, ID (ARHGAP10, GRAF2, Rho GTPase-activating protein 10, GTPase regulator associated with focal adhesion kinase 2, Graf-related protein 2, Rho-type GTPase-activating protein 10) (MaxLight 405)
Product Gene Name	anti-ARHGAP10 antibody
Product Synonym Names	ARHGAP10; GRAF2; Rho GTPase-activating protein 10; GTPase regulator associated with focal adhesion kinase 2; Graf-related protein 2; Rho-type GTPase-activating protein 10
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 MaxLight405.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography
Specificity	Recognizes human ARHGAP10.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	89,375 Da
3D Structure	ModBase 3D Structure for Q08DP6
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 237-263 in the Central region of human ARHGAP10. Species sequence homology: bovine
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-ARHGAP10 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-ARHGAP10 antibody	Immunohistochemistry (IHC) Paraffin, Western Blot (WB), Flow Cytometry (FC/FACS), FLISA
Application Notes for anti-ARHGAP10 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ARHGAP10 antibody	MBS6274846 is an antibody targeting ARHGAP10. Also known as ARHGAP10, ID (ARHGAP10, GRAF2, Rho GTPase-activating protein 10, GTPase regulator associated with focal adhesion kinase 2, Graf-related protein 2, Rho-type GTPase-activating protein 10) (MaxLight 405). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-ARHGAP10 antibody	1. Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010). 2. Azzato, E.M., et al. Cancer Epidemiol. Biomarkers Prev. 19(4):1140-1143(2010). 3. Lind, P.A., et al. Twin Res Hum Genet 13(1):10-29(2010). 4. Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010). 5. Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009).
Other Notes	Small volumes of anti-ARHGAP10 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-ARHGAP10 antibody
Western blot analysis in MDA-MB435 cell line lysates (35ug/lane), usingMBS6012020. This demonstrates MBS6012020 detected the ARHGAP10 protein (arrow).



Immunohistochemistry (IHC) of anti-ARHGAP10 antibody
Immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle using MBS6012020 followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBS6012020 for immunohistochemistry.



Flow Cytometry (FC/FACS) of anti-ARHGAP10 antibody
Flow cytometric analysis of MDA-MB435 cells using MBS6012020 (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP10. It may not necessarily be applicable to this product.

NCBI GI #	50843948
NCBI GeneID	79658
NCBI Accession #	NP_078881.3
UniProt Primary Accession #	Q08DP6
UniProt Secondary Accession #	A1A4S6
UniProt Related Accession #	A1A4S6
GenBank Nucleotide #	NM_024605.3
NCBI Official Full Name	rho GTPase-activating protein 10
NCBI Official Synonym Full Names	Rho GTPase activating protein 10
NCBI Official Symbol	ARHGAP10
NCBI Official Synonym Symbols	GRAF2; PSGAP; PS-GAP
UniProt Protein Name	Rho GTPase-activating protein 10
UniProt Synonym Protein Names	Rho-type GTPase-activating protein 10

Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP10
UniProt Entry Name	RHG10_BOVIN
NCBI Protein Information	rho GTPase-activating protein 10; graf-related protein 2; rho-type GTPase-activating protein 10; GTPase regulator associated with focal adhesion kinase 2
Research Articles on ARHGAP10	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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