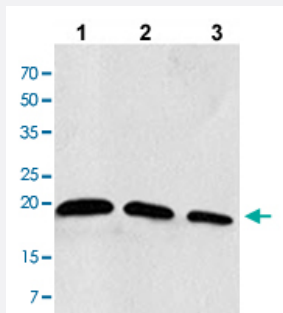


RAC2 monoclonal antibody, clone AT2G11

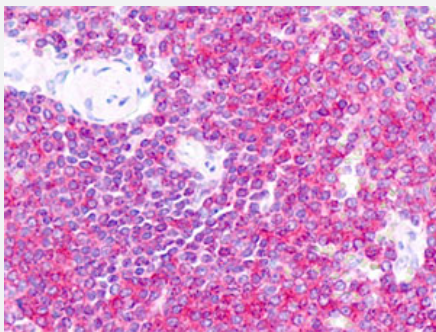
Catalog # MAB12458 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of the extracts of Jurkat cells Lane 1: 30 ug, Lane 2: 20 ug, Lane 3: 10 ug with RAC2 monoclonal antibody, clone AT2G11 (Cat # MAB12458) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen tissue with RAC2 monoclonal antibody, clone AT2G11 (Cat # MAB12458) under 10 ug/mL working concentration.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human RAC2.
Immunogen	Recombinant protein corresponding to amino acids 1-189 of human RAC2.
Host	Mouse
Reactivity	Human
Specificity	This antibody detects both RAC1 and RAC2 by Western blot testing using recombinant proteins.
Form	Liquid
Purification	Protein G purification

Isotype	IgG2b, kappa
Recommend Usage	ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — RAC2

Entrez GeneID	5880
Gene Name	RAC2
Gene Alias	EN-7, Gx, HSPC022
Gene Description	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
Omim ID	602049 608203
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. [provided by RefSeq]

Other Designations

Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein Rac2)|ras-related C3 botulinum toxin substrate 2|rho family, small GTP binding protein Rac2|small G protein

Pathway

- [Adherens junction](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Colorectal cancer](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Occupational Diseases](#)
- [Parkinson disease](#)