

32-6206: Mouse Anti Human Ras-Related C3 Botulinum Toxin Substrate 2(Clone:PAT2G11.)

Clonality :	Monoclonal
Clone Name :	PAT2G11.
Application :	ELISA,WB
Gene :	RAC2
Gene ID :	5880
Uniprot ID :	P15153
Format :	Purified
Alternative Name :	Ras-related C3 botulinum toxin substrate 2,p21-Rac2,Small G protein,GX,RAC2,HSPC022,EN-7.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human RAC2, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human RAC2 amino acids 1-189 purified from E. coli.

Description

RAC2 is a small signaling G protein/GTPase which is part of the RAS superfamily of small GTP-binding proteins which regulate cell growth, actin cytoskeletal organization, cell proliferation, survival, cell cycle progression, gene transcription regulation and the activation of protein kinases. RAC2 cycles between an active gtp-bound and inactive gdp-bound state. In active state, RAC2 binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. RAC2 is involved in the regulation of the nadph oxidase.

Product Info

Amount :	20 µg
Purification :	Rac2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1000.