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Datasheet for ABIN519594
anti-RAC2 antibody (AA 1-192)

4 Images

Overview

Quantity:	100 µg
Target:	RAC2
Binding Specificity:	AA 1-192
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant RAC2.
Immunogen:	RAC2 (AAH01485.1, 1 a.a. ~ 192 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MQAIKCVVVG DGA VGKTCLL ISYTTNAFPG EYIPTVFDNY SANVMVDSKP VNLGLWDTAG QEDYDRLRPL SYPQTDVFLI CFSLVSPASY ENVRAKWFPE VRHHCPSTPI ILVGTKLDLR DDKDTIEKLL EKKLAPITYP QGLALAKEID SVKYLECSAL TQRGLKTVFD EAIRAVLCPQ PTRQQKRACS LL
Clone:	3B8
Isotype:	IgG1
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: RAC2

Alternative Name: RAC2 ([RAC2 Products](#))

Background: Full Gene Name: ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)

Synonyms: EN-7,Gx,HSPC022

Gene ID: 5880

Pathways: [RTK Signaling](#), [VEGF Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

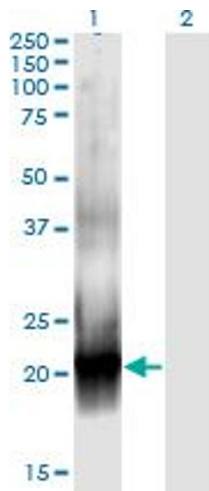
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

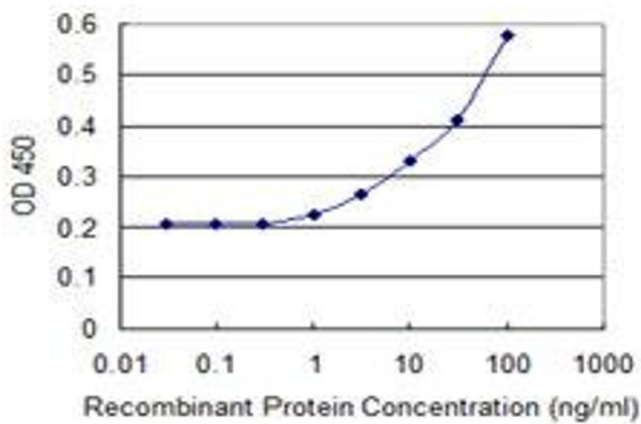


Western Blotting

Image 1. Western Blot analysis of RAC2 expression in transfected 293T cell line by RAC2 monoclonal antibody (M08), clone 3B8.

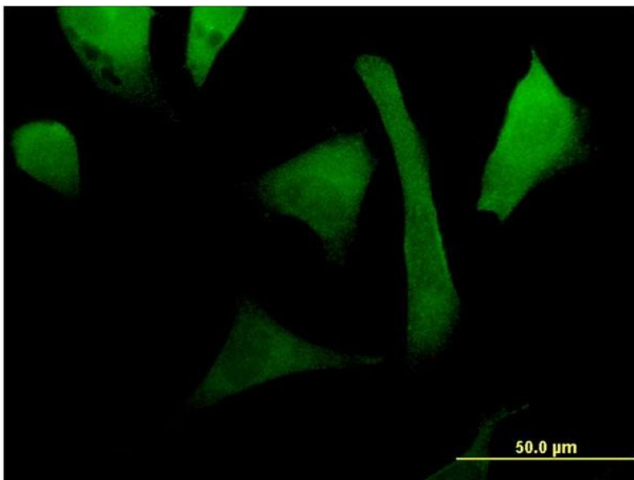
Lane 1: RAC2 transfected lysate(21.4 kDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged RAC2 is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to RAC2 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN519594.