

anti- Rac1 antibody

Product Information

Catalog No.:	FNab07065
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	5D9
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

RAC1b, also named as TC25, belongs to the small GTPase superfamily and Rho family. RAC1 is a plasma membrane-associated small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, it binds to a variety of effector proteins to regulate cellular responses such as secretory processes, phagocytosis of apoptotic cells, epithelial cell polarization and growth-factor induced formation of membrane ruffles.

Immunogen information

Immunogen:	ras-related C3 botulinum toxin substrate 1(rho family, small GTP binding protein Rac1)
Synonyms:	MIG5, p21 Rac1, RAC1, RAC1b, Ras like protein TC25, TC 25, TC25
Observed MW:	21KD
Uniprot ID :	P63000

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB,IHC, IP,IF

Wuhan Fine Biotech Co., Ltd.

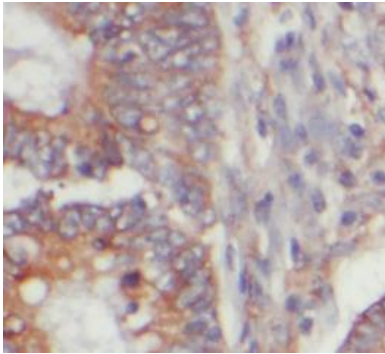
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

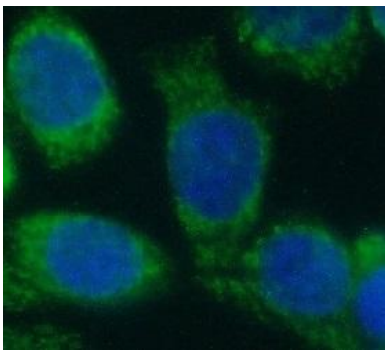
Fax: (0086)027-87800889 www.fn-test.com

Recommended dilution: WB: 1:1000-1:4000; IP: 1:200-1:2000; IHC: 1:50-1:500; IF: 1:50-1:500

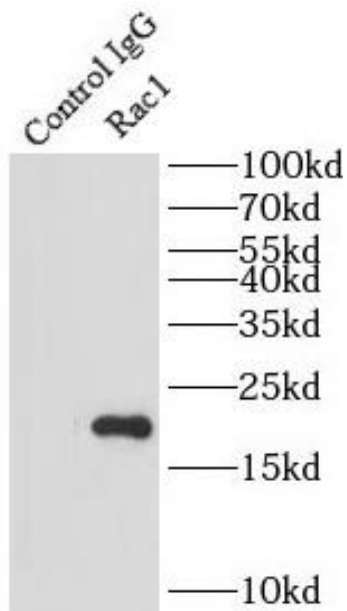
Image:



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using FNab07065(RAC1 Antibody) at dilution of 1:400



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using FNab07065 (Rac1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)



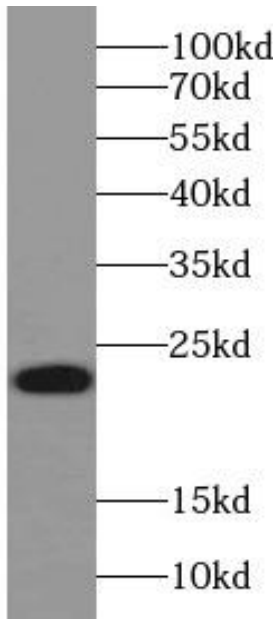
IP Result of anti-RAC1 (IP:FNab07065, 3ug; Detection:FNab07065 1:700) with HL-60 cells lysate 4000ug.

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HSCT6 cells were subjected to SDS PAGE followed by western blot with FNab07065(Rac1 antibody) at dilution of 1:2000