

Product datasheet for **CF502018**

RABL2A Mouse Monoclonal Antibody [Clone ID: OTI4A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4A8
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RABL2A (NP_009013) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.9 kDa
Gene Name:	RAB, member of RAS oncogene family like 2A
Database Link:	NP_009013 Entrez Gene 362987 Rat Entrez Gene 11159 Human Q9UBK7

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Background:

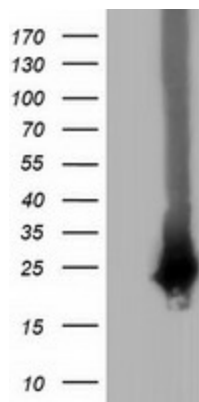
This gene is a member of the RAB gene family which belongs to the RAS GTPase superfamily. The proteins in the family of RAS-related signaling molecules are small GTP-binding proteins that play important roles in the regulation of exocytotic and endocytotic pathways. This gene maps to the site of an ancestral telomere fusion event and may be a subtelomeric gene. Two alternatively spliced transcript variants have been identified, both encoding the same protein. [provided by RefSeq]

Synonyms:

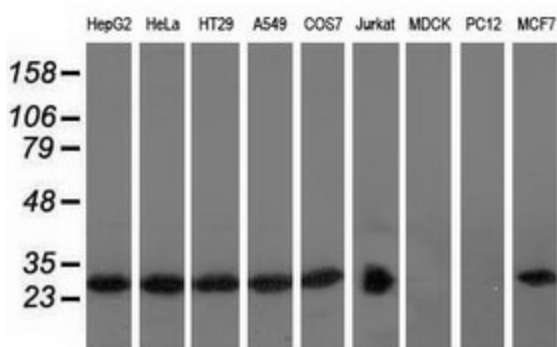
FLJ78724; MGC117180

Protein Families:

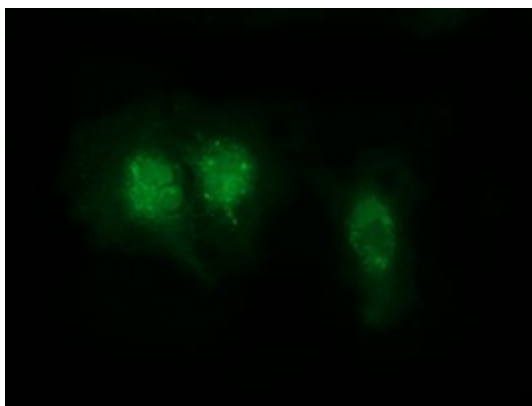
Druggable Genome

Product images:


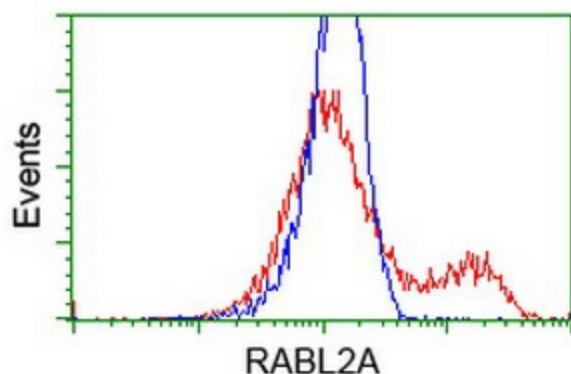
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RABL2A ([RC211854], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RABL2A. Positive lysates [LY416219] (100ug) and [LC416219] (20ug) can be purchased separately from OriGene.



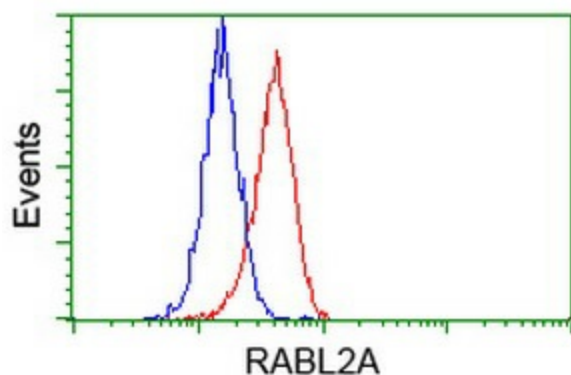
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RABL2A monoclonal antibody.



Anti-RABL2A mouse monoclonal antibody ([TA502018]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY RABL2A ([RC211854]).



HEK293T cells transfected with either [RC211854] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RABL2A antibody ([TA502018]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-RABL2A antibody ([TA502018]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).