

## Product datasheet for **CF504151**

### ARL5B Mouse Monoclonal Antibody [Clone ID: OTI2D7]

#### Product data:

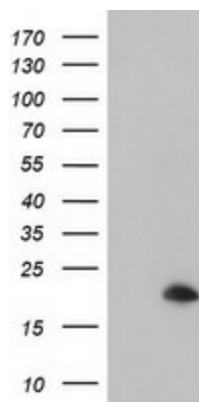
Product Type:	Primary Antibodies
Clone Name:	OTI2D7
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ARL5B(NP_848930) produced 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:	20.2 kDa
Gene Name:	ADP ribosylation factor like GTPase 5B
Database Link:	<a href="#">NP_848930</a> <a href="#">Entrez Gene 221079 Human</a> <a href="#">Q96KC2</a>
Background:	ARL5B (ARL8) belongs to a family of proteins that are structurally similar to ADP-ribosylation factors (ARFs; see MIM 103180). ARLs and ARFs are part of the RAS superfamily of regulatory GTPases. [supplied by OMIM, Nov 2010]



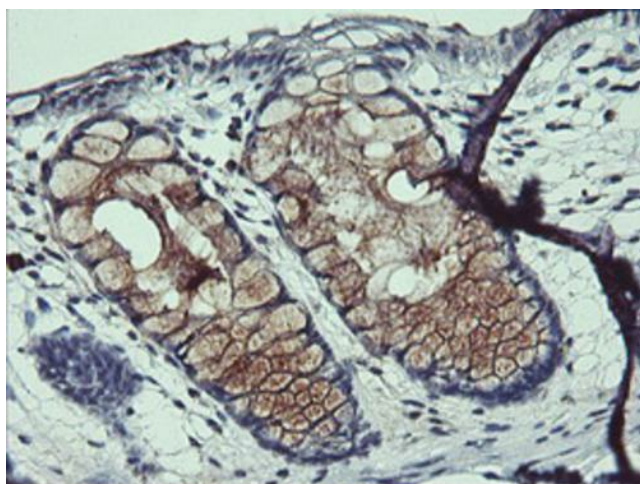
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Synonyms: ARL8

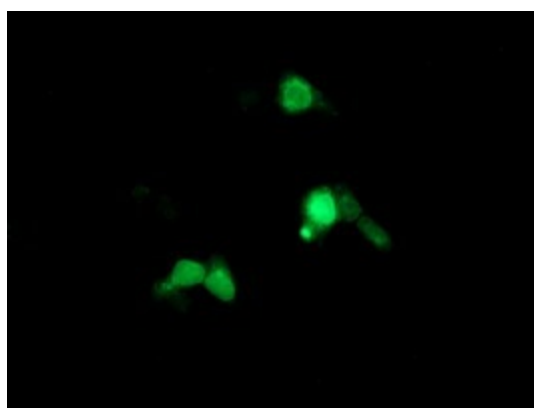
### Product images:



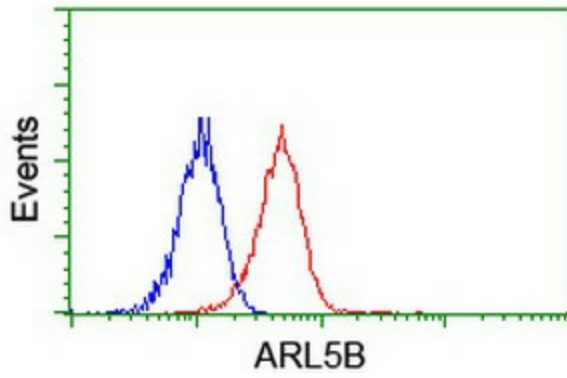
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ARL5B (Cat# [RC204805], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARL5B(Cat# [TA504151]). Positive lysates [LY405801] (100ug) and [LC405801] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-ARL5B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504151])



Anti-ARL5B mouse monoclonal antibody ([TA504151]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ARL5B ([RC204805]).



Flow cytometric Analysis of Jurkat cells, using anti-ARL5B antibody ([TA504151]), (Red), compared to a nonspecific negative control antibody, (Blue).