

# RAB3A Monoclonal Antibody (OTI5C12)

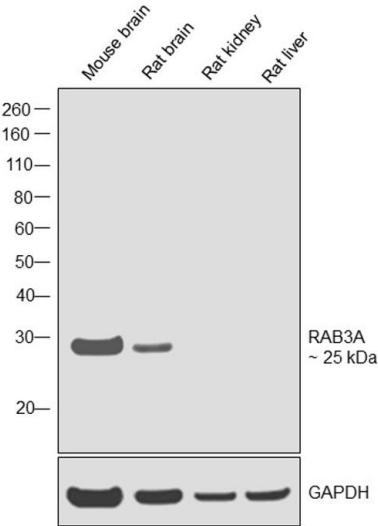
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI5C12
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of RAB3A produced in E.coli
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2725179

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-

Product Images For RAB3A Monoclonal Antibody (OTI5C12)

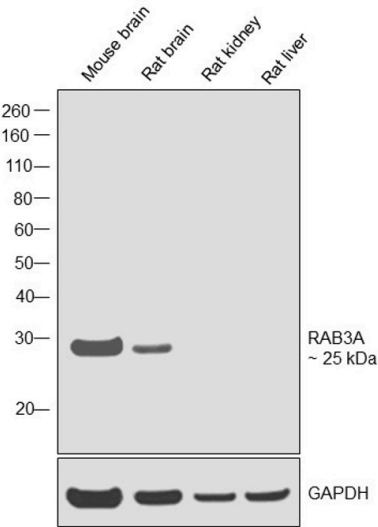
RAB3A Antibody (MA5-27178) in WB

Western blot was performed using Anti-RAB3A Mouse Monoclonal Antibody (OTI5C12) (Product # MA5-27178) and a 25 kDa band corresponding to RAB3A was observed across tissues tested except Rat kidney and Rat liver. Whole cell extracts (30 µg lysate) of Mouse brain (Lane 1), Rat brain (Lane 2), Rat kidney (Lane 3) and Rat liver (Lane 4) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



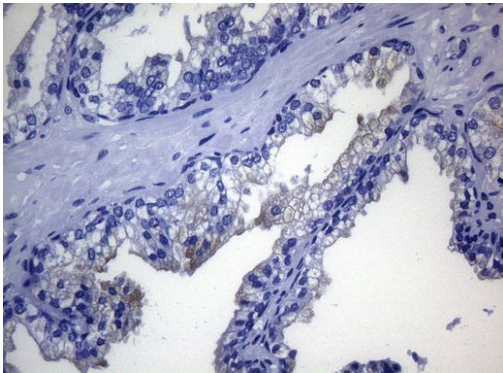
RAB3A Antibody (MA5-27178)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissue tested owing to their inherent genetic constitution. Relative expression of RAB3A was observed in Mouse brain, Rat brain in comparison to Rat kidney and Rat liver using Anti-RAB3A Mouse Monoclonal Antibody (OTI5C12) (Product # MA5-27178) in Western Blot. {RE}



RAB3A Antibody (MA5-27178) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded carcinoma of human prostate tissue. To expose target proteins, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3 min. Following antigen retrieval, tissues were probed with a RAB3A monoclonal antibody (Product # MA5-27178) at a dilution of 1:150.



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