

ROP1

Purified Mouse Monoclonal Antibody
Catalog # AO2512a

Product Information

Application	WB, IHC, ICC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3D4B2
Isotype	Mouse IgG2a
Calculated MW	42 KDa
Immunogen	Purified recombinant fragment of <i>Toxoplasma gondii</i> rhoptry protein ROP1 (AA: 42-183) expressed in <i>E. Coli</i> .
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Dilution	WB~~ 1/500 - 1/2000 IHC~~ 1/200 - 1/1000 ICC~~ 1/200 - 1/1000 E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ROP1 is for research use only and not for use in diagnostic or therapeutic procedures.

Images

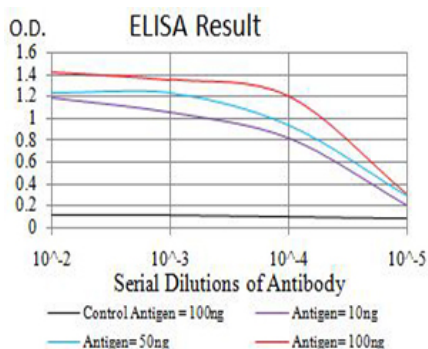


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

Figure 2: Western blot analysis using ROP1 mAb against *Toxoplasma gondii* rhoptry protein ROP1 (AA: 42-183) recombinant protein. (Expected MW is 41.1 kDa)

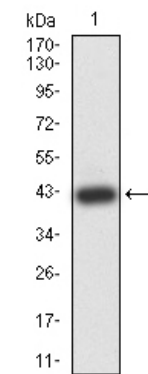


Figure 3: Western blot analysis using ROP1 mAb against HEK293 (1) and ROP1 (AA: 42-183)-hIgGfc transfected HEK293 (2) cell lysate.

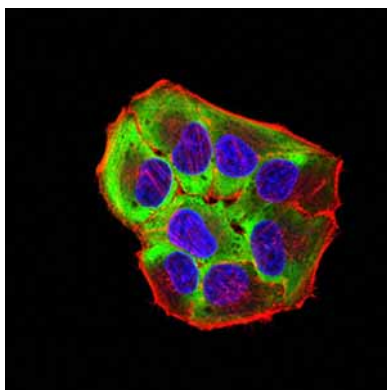
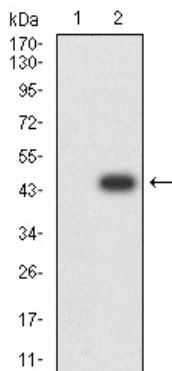


Figure 4: Immunofluorescence analysis of HeLa cells using ROP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

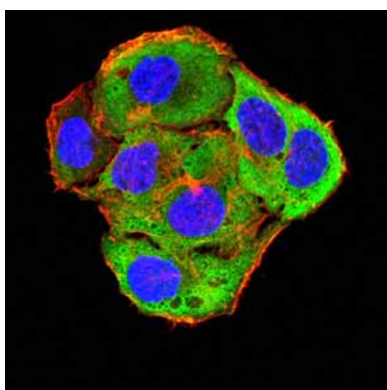


Figure 5: Immunofluorescence analysis of SMMC-7721 cells using ROP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

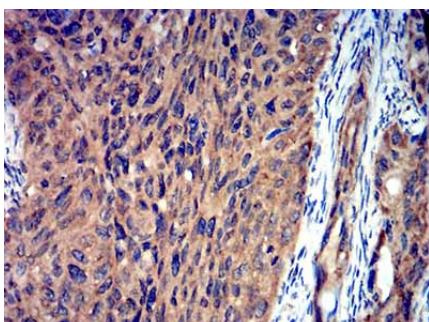


Figure 6: Immunohistochemical analysis of paraffin-embedded ROP1 tissues using cervical cancer mouse mAb with DAB staining.

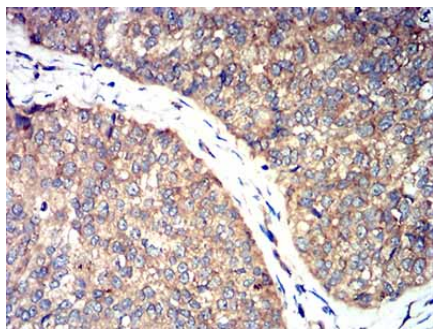


Figure 7:Immunohistochemical analysis of paraffin-embedded ROP1 tissues using bladder cancer mouse mAb with DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.