

Mi2- α Mouse mAb

CatalogNo: YM0442

| Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, FC, ELISA

MW

- 227kD (Calculated)

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

IF 1:200-1:1000

Flow Cyt 1:200-1:400

ELISA 1:10000

Not yet tested in other applications.

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Monoclonal

| Immunogen Information

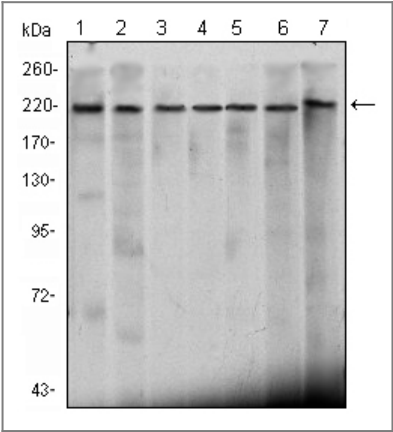
Immunogen Purified recombinant fragment of human Mi2- α expressed in E. Coli.

Specificity Mi2- α Monoclonal Antibody detects endogenous levels of Mi2- α protein.

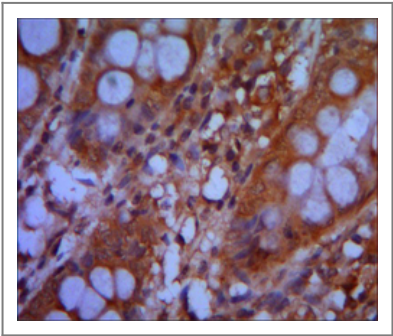
Target Information

Gene name	CHD3		
Protein Name	Chromodomain-helicase-DNA-binding protein 3		
	Organism	Gene ID	UniProt ID
	Human	1107 ;	Q12873 ;
Cellular Localization	Nucleus, PML body . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Associates with centrosomes in interphase and mitosis. .		
Tissue specificity	Widely expressed.		
Function	Disease:One of the main antigens reacting with anti-Mi-2 positive sera of dermatomyositis.,Function:Probable transcription regulator.,sequence Caution:Differs from position 1967 onward for unknown reasons.,similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 2 chromo domains.,similarity:Contains 2 PHD-type zinc fingers.,subunit:Central component of the nucleosome remodeling and histone deacetylase (NuRD) repressive complex. Interacts with TRIM28 and SERBP1. Interacts via its C-terminal region with HABP4.,tissue specificity:Widely expressed.,		

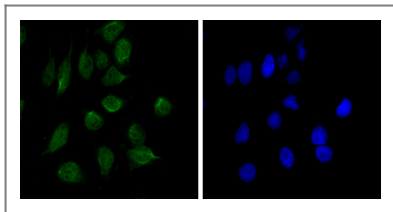
Validation Data



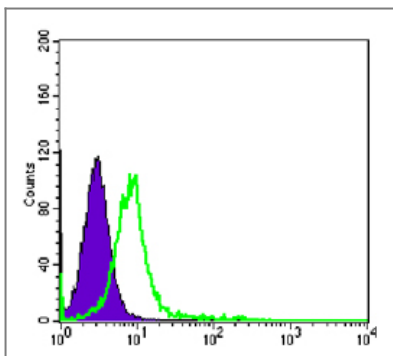
Western Blot analysis using Mi2- α Monoclonal Antibody against HeLa (1), K562 (2), Jurkat (3), NTERA-2 (4), HEK293 (5), Raji (6) cell lysate and mouse brain (7) tissue lysate.



Immunohistochemistry analysis of paraffin-embedded colon cancer tissues with DAB staining using Mi2- α Monoclonal Antibody.



Immunofluorescence analysis of Hela cells using Mi2- α Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of K562 cells using Mi2- α Monoclonal Antibody (green) and negative control (purple).

Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
Mi2- α Mouse mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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