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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PA2G4 monoclonal antibody (M01), clone 2A5

Catalog # : H00005036-M01

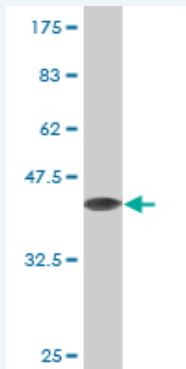
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PA2G4.
Immunogen:	PA2G4 (AAH01951, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSGEDEQQEQTIAEDLVTKYKMGGDIANRVLRLSVEASSGVSVLSLC EKGDAMIMEETGKIFKKEKEMKKGIAFPTSSVNNVCVCHFSPKSDQDYIL KEGDLVKIDL
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

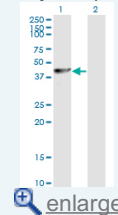
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

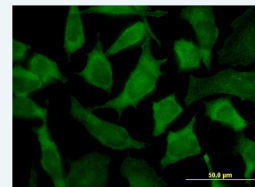
Application Image

Western Blot (Transfected lysate)

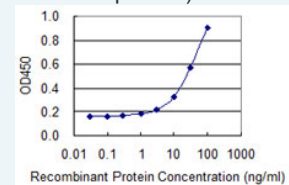


Western Blot (Recombinant protein)

Immunofluorescence

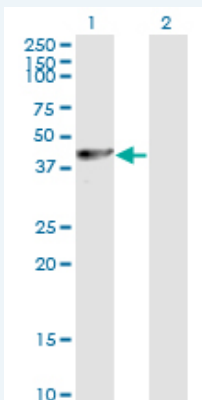


Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of PA2G4 expression in transfected 293T cell line by PA2G4 monoclonal antibody (M01), clone 2A5.

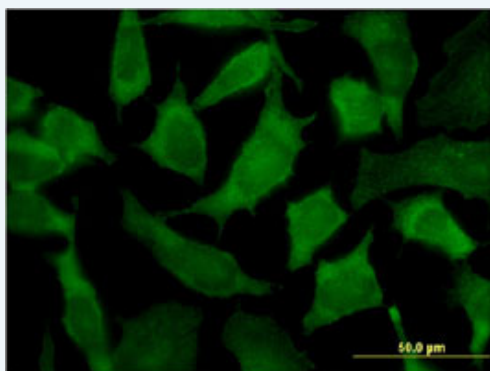
Lane 1: PA2G4 transfected lysate(43.8 kDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

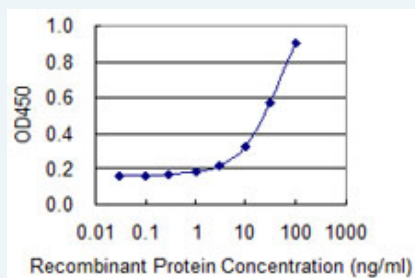


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to PA2G4 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PA2G4 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5036](#)

GeneBank [BC001951](#)

Accession#:

Protein [AAH01951](#)

Accession#:

Gene Name: PA2G4

Gene Alias: EBP1,HG4-1,p38-2G4

Gene Description: proliferation-associated 2G4, 38kDa

Omim ID: [602145](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified. [provided by RefSeq]

Other Designations: ErbB-3 binding protein 1,ErbB3-binding protein 1,ErbB3-binding protein 1,Ebp1,cell cycle protein p38-2G4 homolog

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