

SLC45A2 monoclonal antibody (M02), clone 1B2

Catalog # : H00051151-M02

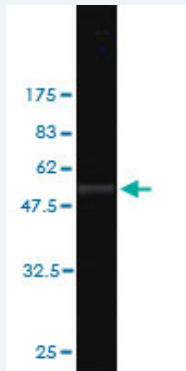
規格 : [100 ug]

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Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant SLC45A2.
Immunogen:	SLC45A2 (AAH03597, 1 a.a. ~ 243 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGSNSGQAGRHIYKSLADDGPFDSVEPPKRPTSR LIMHSMAMFGREFC YAVEAAYVTPVLLSVGLPSSLYSIVWFLSPILGFLLPVVGASDHCRRS WGRRRPYILTLGVMMLVGMALYLNATVVAALIANPRRKLVAISVTMIG VVLFDFAADFIDGPIKAYLFDVCSHQDKEKGLHYHALFTDSQGN DIKVTA ESTGEHASSLPLPLHQPPHWM DGLPVQHAVLHRFHGPD CVPRGSL
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (52.47 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 (Recombinant protein)

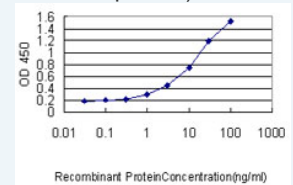
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

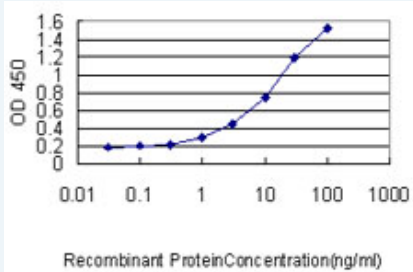
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



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ELISA



Detection limit for recombinant GST tagged SLC45A2 is approximately 0.03ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [51151](#)

GeneBank [BC003597](#)

Accession#:

Protein [AAH03597](#)

Accession#:

Gene Name: SLC45A2

Gene Alias: 1A1,AIM1,MATP,SHEP5

Gene Description: solute carrier family 45, member 2

Omim ID: [606202](#), [606574](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a transporter protein that mediates melanin synthesis. The protein is expressed in a high percentage of melanoma cell lines. Mutations in this gene are a cause of oculocutaneous albinism type 4, and polymorphisms in this gene are associated with variations in skin and hair color. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: melanoma antigen AIM1,membrane associated transporter,membrane-associated transporter protein,underwhite

Related Disease

[Albinism](#), [Oculocutaneous Carcinoma](#), [Basal Cell Carcinoma](#), [Squamous Cell Cardiovascular Diseases](#) [Diabetes Mellitus](#), [Type 2 Edema](#)
[Genetic Predisposition to Disease](#) [Hermanski-Pudlak Syndrome](#) [Malignant melanoma](#)
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