



SZABO SCANDIC

Part of Europa Biosite

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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HBA1 monoclonal antibody (M02), clone 4F9

Catalog # : H00003039-M02

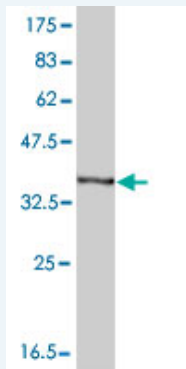
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant HBA1.
Immunogen:	HBA1 (NP_000549, 33 a.a. ~ 142 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MFLSFPTTKTYFPHFDLSHGSAQVKGHGKKVADALTNAVAHVDDMPNAL SALSDDLHAHKL RVD PVNFKLLSHCLLVTLAAHLPAEF TPAVHASL DKFLAS VSTVLTSKYR
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.84 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](#)

Publication Reference

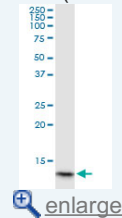
- The differentiating and apoptotic effects of 2-aza-5'-deoxycytidine are dependent on the PU.1 expression level in PU.1-transgenic K562 cells.
Aoyama S, Nakano H, Danbara M, Higashihara M, Harigae H, Takahashi S. *Biochem Biophys Res Commun.* 2012 Mar 20. [Epub ahead of print]

Applications

Western Blot (Tissue lysate)

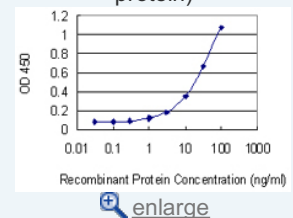
Application Image

Western Blot (Tissue lysate)

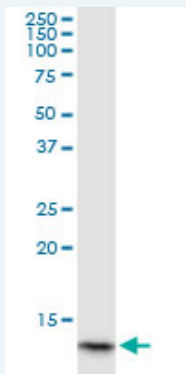


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)




ELISA



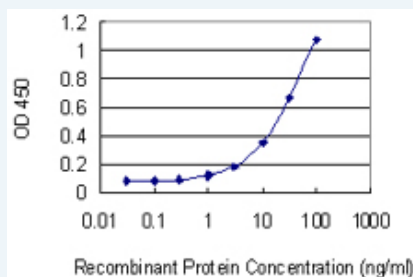
HBA1 monoclonal antibody (M02), clone 4F9. Western Blot analysis of HBA1 expression in human placenta.

 [Protocol Download](#)


Western Blot (Recombinant protein)

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged HBA1 is 0.3 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3039](#)

GeneBank [NM_000558](#)

Accession#:

Protein [NP_000549](#)

Accession#:

Gene Name: HBA1

Gene Alias: HBH,HBA-T3

Gene Description: hemoglobin, alpha 1

Description:

Omim ID: [141800](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'- zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. The alpha-2 (HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5' untranslated regions and the introns, but they differ significantly over the 3' untranslated regions. Two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin; alpha chains combine with delta chains to constitute HbA-2, which with HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias result from

deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; some nondeletion alpha thalassemias have also been reported. [provided by RefSeq]

Other Designations: alpha 1 globin,alpha one globin,alpha-1 globin,alpha-1-globin,hemoglobin alpha 1 globin chain,hemoglobin alpha-1 chain

Related Disease

[Abortion](#), [Spontaneous Albuminuria](#) [alpha-Thalassemia Anemia](#) [Anemia](#), [Aplastic Anemia](#), [Hypochromic Anemia](#), [Sickle Cell Anemia](#), [sickle cell beta-Thalassemia](#) [Dyslipidemias](#) [Fetal Diseases](#) [Genetic Predisposition to Disease](#) [Glucosephosphate Dehydrogenase Deficiency Hemolysis](#) [Hypertension](#), [Pulmonary Iron Overload](#) [Malaria](#) [Malaria](#), [Cerebral Malaria](#), [Falciparum](#)

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