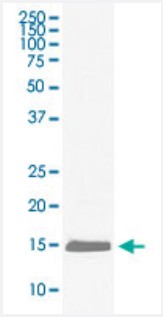
Hemoglobin Alpha Chain monoclonal antibody, clone EGI-8

Catalog # MAB20135 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with Hemoglobin Alpha Chain monoclonal antibody, clone EGI-8 (Cat # MAB20135).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human Hemoglobin Alpha Chain.
Immunogen	A synthetic peptide corresponding to human Hemoglobin Alpha Chain .
Host	Rabbit
Theoretical MW (kDa)	15.258
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western Blot analysis of K562 cell lysate with Hemoglobin Alpha Chain monoclonal antibody, clone EGI-8 (Cat # MAB20135).

Gene Info — HBA1

Entrez GeneID	3039
Protein Accession#	P69905
Gene Name	HBA1
Gene Alias	HBH, HBA-T3
Gene Description	hemoglobin, alpha 1
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 w ith HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias r esult from deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; som e 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|he moglobin alpha-1 chain

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — HBA2

Entrez GeneID	3040
Protein Accession#	P69905
Gene Name	HBA2
Gene Alias	-
Gene Description	hemoglobin, alpha 2
Omim ID	141850
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 w ith HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias r esult from deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; som e nondeletion alpha thalassemias have also been reported. [provided by RefSeq
Other Designations	alpha 2 globin|alpha globin|alpha-2 globin

Disease

- Abortion
- Albuminuria
- alpha-Thalassemia
- alpha-Thalassemia
- Anemia
- beta-Thalassemia
- beta-Thalassemia
- Dyslipidemias
- Fetal Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Genetic Predisposition to Disease
- Glucosephosphate Dehydrogenase Deficiency
- Hemolysis
- Hypertension
- Iron Overload
- Malaria
- Parasitemia
- Parvoviridae Infections
- Pregnancy Complications
- Pregnancy Complications
- Sickle Cell Trait
- Splenomegaly
- Stroke
- Thalassemia
- Thalassemia

Copyright © 2023 Abnova Corporation. All Rights Reserved.