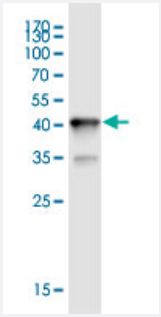
HBB monoclonal antibody (M02A), clone 7B12

Catalog # H00003043-M02A Size 200 uL

Applications



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HBB.
Immunogen	HBB (AAH07075, 38 a.a. ~ 147 a.a) partial recombinant protein with GST tag. MW of the GST tag al one is 26 KDa.
Sequence	WTQRFFESFGDLSTPDAVMGNPKVKAHGKKVLGAFSDGLAHLDNLKGTFATLSELHCDKLHVD PENFRLLGNVLVCVLAHHFGKEFTPPVQAAYQKVVAGVANALPHKYH
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — HBB

Entrez GeneID	3043
GeneBank Accession#	BC007075
Protein Accession#	AAH07075
Gene Name	HBB
Gene Alias	CD113t-C
Gene Description	hemoglobin, beta
Omim ID	141900 603902
Gene Ontology	Hyperlink
Gene Summary	The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult hemoglobin, Hb A. The normal adult hemoglobin tetramer consists of two alpha chains an d two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes b eta-zero-thalassemia. Reduced amounts of detectable beta globin causes beta-plus-thalassemia. The order of the genes in the beta-globin cluster is 5'-epsilon -- gamma-G -- gamma-A -- delta -- b eta--3'. [provided by RefSeq
Other Designations	beta globin|beta globin chain|hemoglobin beta chain

Disease

- AIDS-Related Opportunistic Infections
- Albuminuria
- alpha-Thalassemia
- Anemia
- Atherosclerosis
- beta-Thalassemia

- Cardiovascular Diseases
- Chest Pain
- Cholelithiasis
- Coronary Artery Disease
- Coronary Disease
- Decision Making
- Diabetes Mellitus
- Disease Progression
- Dyslipidemias
- Edema
- Fetal Diseases
- Gallstones
- Genetic Predisposition to Disease
- Gilbert Disease
- Glucosephosphate Dehydrogenase Deficiency
- Hearing Loss
- Hemochromatosis
- Hemoglobin C Disease
- Hemoglobin SC Disease
- Hemoglobinopathies
- Hemolysis
- Hepatitis C
- Hereditary hemochromatosis
- HIV Infections
- Hydrops Fetalis
- Hypertension

- Inflammation
- Iron Overload
- Liver Cirrhosis
- Malaria
- Mycobacterium Infections
- Myocardial Ischemia
- Osteomyelitis
- Pain
- Parasitemia
- Pneumonia
- Pregnancy Complications
- Sickle Cell Trait
- Stroke
- Thalassemia
- Trachoma
- Tuberculosis