



# 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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## Datasheet

### **HBB monoclonal antibody (MF02), clone 7B12 (FITC)**

causes beta-plus-thalassemia. The order of the genes in the beta-globin cluster is 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'. [provided by RefSeq]

**Catalog Number:** H00003043-MF02

**Regulation Status:** For research use only (RUO)

**Product Description:** FITC conjugated mouse monoclonal antibody raised against a partial recombinant HBB.

**Clone Name:** 7B12

**Immunogen:** HBB (AAH07075, 38 a.a. ~ 147 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

WTQRRFFESFGDLSTPDVGMGNPKVKAHGKKVLGAFS  
DGLAHLNLDLKGTFATLSELHCDKLHVDPENFRLLGNVL  
VCVLAHHFGKEFTPPVQAAYQKVVAGVANALPHKYH

**Host:** Mouse

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Conjugation:** FITC

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 3043

**Gene Symbol:** HBB

**Gene Alias:** CD113t-C

**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 and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta-zero-thalassemia. Reduced amounts of detectable beta globin