
Product Datasheet

Hemoglobin beta S antibody (orb420236)

Description

Hemoglobin beta S antibody

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

ELISA, WB

Immunogen

Anti-Hemoglobin beta S Monoclonal Antibody was produced in mice by repeated immunizations with synthetic peptide corresponding to amino acid residues near the N-terminus of Hb β -subunit conjugated to KLH.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration
 $p > 1.00$ mg/ml

Storage

Store vial at -20° C prior to opening. This product is stable at 4° C as an undiluted liquid. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.

Note

For research use only

Application notes

Anti-Hemoglobin beta S (MOUSE) antibody has been tested by ELISA, SDS-Page, and western blot. This antibody is designed for use in lateral flow. Specific conditions of reactivity should be optimized by the end user. Expect a band of approximately 16 kDa in appropriate lysates.

Clonality

Monoclonal

Purity

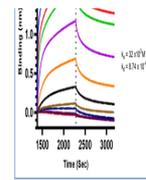
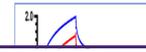
This protein A purified mouse monoclonal antibody reacts specifically with human HbS beta sickle isoform. Anti-HbS is purified from tissue culture supernatant by protein A purification. Blast analysis shows 100% homology to Human, Pan troglodytes, Pan paniscus, Gorilla gorilla gorilla, and Hylobates lar. This antibody does not react with the HbA, HbF, HbC, or HbA-2 isoform.

Uniprot ID
[P68871](#)
Dilution Range

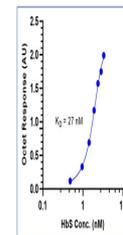
ELISA: 1:20,000, WB: 1ug/mL

Expiration Date

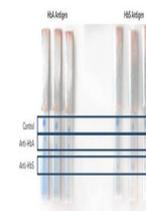
12 months from date of receipt.



Binding mode and kinetic analysis of Mou...



Fitting of Kinetic data to bivalent bind...



Lateral Flow Results of Anti-HbA (Hemogl...