Hemoglobin beta S antibody [23E5.H6.G6.C1.H7.F7.G9.F6]

Cat. No. GTX04268

Host	Mouse
Clonality	Monoclonal
Isotype	IgG3
Applications	WB, FCM, ELISA, Lateral Flow
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1 µg/mL
FCM	Assay dependent
ELISA	1:20000
Lateral Flow	Assay dependent

Not tested in other applications.

Calculated MW	16 kDa. (Note)
Product Note	This antibody detect the E6V mutant in the hemoglobin beta subunit and does not react with the HbA, HbF, HbC, or HbA-2 isoform.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to amino acid residues near the N-terminus of Hb beta-subunit conjugated to KLH.
Purification	Protein A purified From tissue cultue supernatant
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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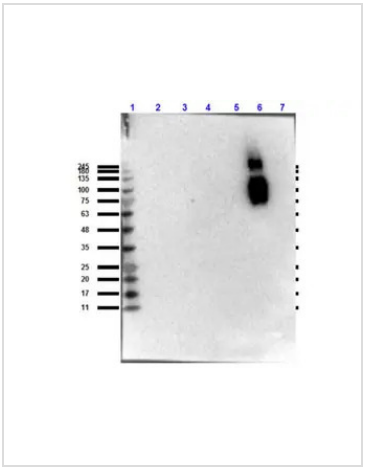
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

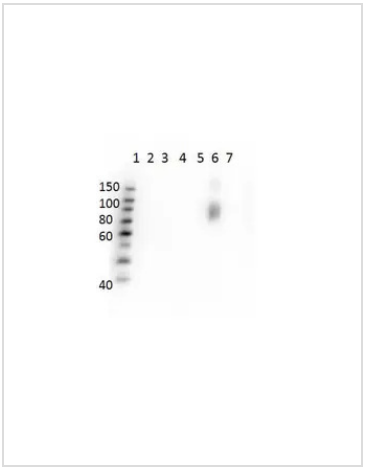
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



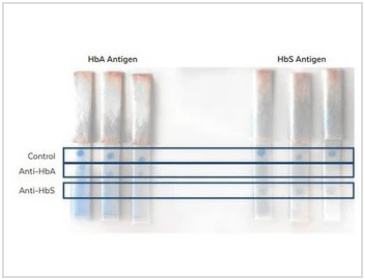
GTX04268 WB Image

WB analysis of various sample lysates using GTX04268 Hemoglobin beta S antibody [23E5.H6.G6.C1.H7.F7.G9.F6].
Lane 1 : Prestained molecular weight marker
Lane 2 : HbA
Lane 3 : HbA2
Lane 4 : HbC
Lane 5 : HbF
Lane 6 : HbS
Lane 7 : BSA
Dilution : 1:1000
Loading : 10µg



GTX04268 WB Image

WB analysis of various sample lysates using GTX04268 Hemoglobin beta S antibody [23E5.H6.G6.C1.H7.F7.G9.F6].
Lane 1 : Prestained molecular weight marker
Lane 2 : HbA peptide conjugated to BSA
Lane 3 : HbA-2 peptide conjugated to BSA
Lane 4 : HbC peptide conjugated to BSA
Lane 5 : HbF peptide conjugated to BSA
Lane 6 : HbS peptide conjugated to BSA
Lane 7 : BSA alone
Loading : 50ng per lane
Dilution : 1µg/mL



GTX04268 Lateral Flow Image

Lateral flow analysis of recombinant HbA (left group) or HbS (right group) proteins using GTX04267 Hemoglobin beta antibody [14G2.G11.F11] and GTX04268 Hemoglobin beta S antibody [23E5.H6.G6.C1.H7.F7.G9.F6].
Antibody amount : GTX04267 Hemoglobin beta antibody 0.5µL at 250ug/mL and GTX04268 Hemoglobin beta S antibody 0.5µL at 1mg/mL

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