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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Hemoglobin beta antibody [14G2.G11.F11]

Cat. No. GTX04267

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, FACS, ELISA, Lateral Flow
Reactivity	Human

Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1 µg/mL
FACS	Assay dependent
ELISA	1:20,000
Lateral Flow	Assay dependent

Not tested in other applications.

Calculated MW 16 kDa. ([Note](#))

Product Note This antibody cross reacts with HbA-2 but does not react the HbS, HbF (gamma), or HbC forms.

PROPERTIES

Form	Liquid
Buffer	0.02 M Potassium phosphate, 0.15 M Sodium chloride pH 7.2
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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.04 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 β-subunit conjugated to KLH.
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated

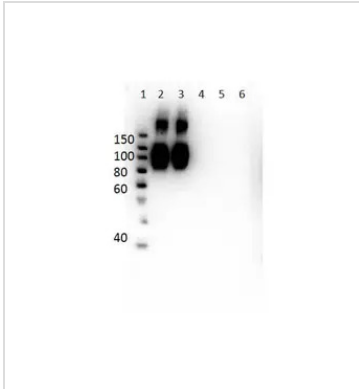


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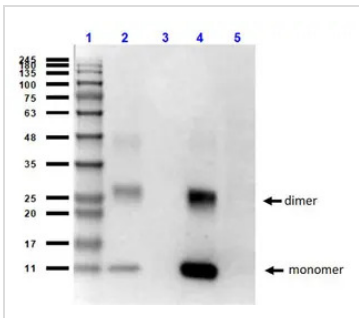
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DATA IMAGES



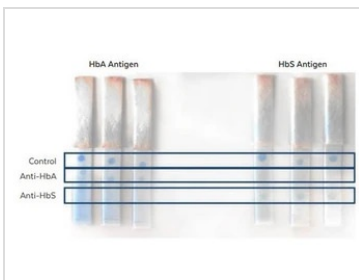
GTX04267 WB Image

WB analysis of various sample lysates using GTX04267 Hemoglobin beta antibody [14G2.G11.F11].
 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
 Loading : 50ng per lane
 Dilution : 1µg/mL



GTX04267 WB Image

WB analysis of various sample lysates using GTX04267 Hemoglobin beta antibody [14G2.G11.F11].
 Lane 1 : Prestained molecular weight marker
 Lane 2 : Human HbA (0.1µg)
 Lane 3 : Human HbS (0.1µg)
 Lane 4 : Human heart whole cell lysate (2.0µg)
 Lane 5 : HeLa cell lysate (10.0µg)
 Dilution : 1µg/mL



GTX04267 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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