

Product Datasheet

Hemoglobin beta Antibody (1G8) - Chimeric - BSA Free NBP3-43581

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-43581

Hemoglobin beta Antibody (1G8) - Chimeric - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G8
Preservative	0.02% Proclin 300
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description

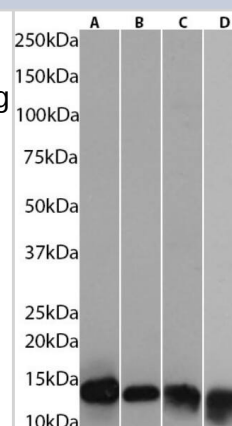
Description	This is a chimeric antibody made using the variable domain sequences of the original Mouse IgG2a to improve compatibility with existing reagents, assays, and techniques.
Host	Rabbit
Gene ID	3043
Gene Symbol	HBB
Species	Human
Specificity/Sensitivity	This antibody binds human hemoglobin glycated at the N-terminal valine of the hemoglobin beta chain and does not cross react with non-glycated hemoglobin.
Immunogen	The original antibody was generated by immunizing BALB/c mice with synthetic N-terminal glycopeptide (VHLTPEC) and KLH conjugate. (Uniprot# P68871)

Product Application Details

Applications	ELISA
Recommended Dilutions	ELISA

Images

Western Blot: Hemoglobin beta Antibody (1G8) - Chimeric - BSA Free [NBP3-43581] - Human liver (A) (0.01ug/ml), heart (B) (0.01ug/ml), placenta (C) (0.01ug/ml), and lungs (D) (0.003ug/ml) tissue lysates (35ug protein in RIPA buffer) were resolved via SDS-PAGE, and the subsequent blots were probed with NBP3-43581 at the mentioned respective concentrations before detection using an anti-rabbit secondary antibody. A primary incubation of 1 hour was used, and proteins were detected by chemiluminescence.



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Products Related to NBP3-43581

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003043-Q01-10ug	Recombinant Human Hemoglobin beta GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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