Human Hemoglobin Antibody

Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A80-134B

Lot No. 5

APPLICATIONS	WB, ELISA
SPECIES REACTIVITY	Human
AMOUNT	1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Goats were immunized with purified human hemoglobin A1 of adult red blood cell origin. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to biotin. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. By immunoelectrophoresis and ELISA this antibody reacts specifically with human hemoglobin A1, A2, F and S. There is no reaction with human serum proteins
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

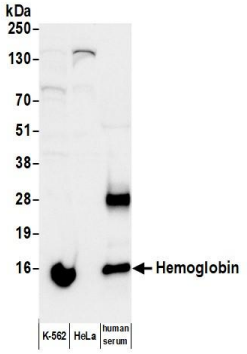
Western Blot	1:10,000 - 1:100,000
ELISA	1:10,000 - 1:100,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: April 1, 2026

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Detection of human Hemoglobin by western blot.
Samples: Whole cell lysate (50 µg) from K-562, HeLa, and human serum cells prepared using NETN lysis buffer. *Antibody:* Biotinylated Goat anti-Human Hemoglobin Antibody (A80-134B) used for WB at 1:1000. *Secondary:* HRP-conjugated Rabbit anti-Biotin Antibody (A150-109P). *Tertiary:* HRP-conjugated Rabbit anti-Biotin Antibody (A150-109P). *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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