Hemoglobin Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Hemoglobin, Monoclonal Antibody
Full Product Name	Hemoglobin (APC)
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9L314
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. No stabilizing proteins added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by ion exchange chromatography.
Specificity	Recognizes human A0, A2 and S Hemoglobin as well as methemoglobin. Does not recognize bovine, sheep, porcine, pigeon, turkey, rabbit or equine.
Preparation and Storage	May be stored at 4 degree C before opening. DO NOT FREEZE! Stable at 4 degree C as an undiluted liquid. Dilute only prior to immediate use. Stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer. Allophycocyanin (APC) is light sensitive.
Immunogen	Human hemoglobin
Conjugate	APC
Product Categories/Family for anti-Hemoglobin antibody	Antibodies; Hemoglobin
Applications Tested/Suitable for anti-Hemoglobin antibody	ELISA (EIA), Lateral Flow (LF)
Application Notes for anti-Hemoglobin antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-Hemoglobin antibody	Hemoglobin is composed of one globin plus four hemes; heme consists of protoporphyrin IX and ferrous iron. The iron content of human hemoglobin is 0.338% (w/w) which gives a minimal molecular weight of 16,520; however, ultracentrifugal and osmotic pressure measurements indicate an actual molecular weight four times the minimum molecular weight.
Other Notes	Small volumes of anti-Hemoglobin antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Hemoglobin purchase	MBS6126837 is an antibody targeting Hemoglobin. Also known as Hemoglobin (APC). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hemoglobin. It may not necessarily be applicable to this product.

Protein Family	Hemoglobin

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