

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody
Catalog # ABO14302

Specification

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IP, FC
Primary Accession	P69905
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 3039;3040

Other Names

Hemoglobin subunit alpha, Alpha-globin, Hemoglobin alpha chain, Hemopressin, HBA1

Calculated MW

15258 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
IP 1:50
FC 1:50

Tissue Specificity

Red blood cells.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Hemoglobin subunit alpha

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Protein Information

Name HBA1

Function

Involved in oxygen transport from the lung to the various peripheral tissues.

Tissue Location

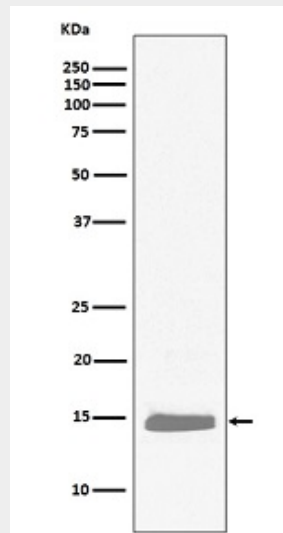
Red blood cells.

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Protocols

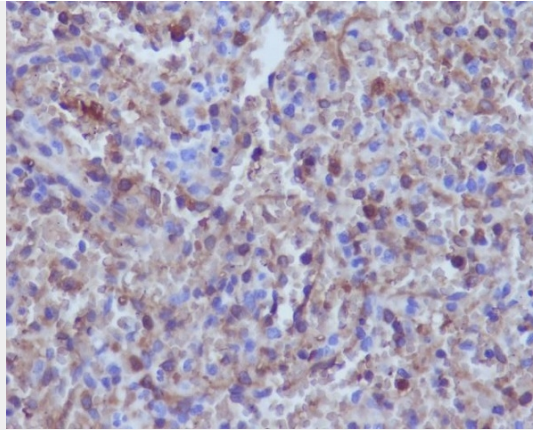
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

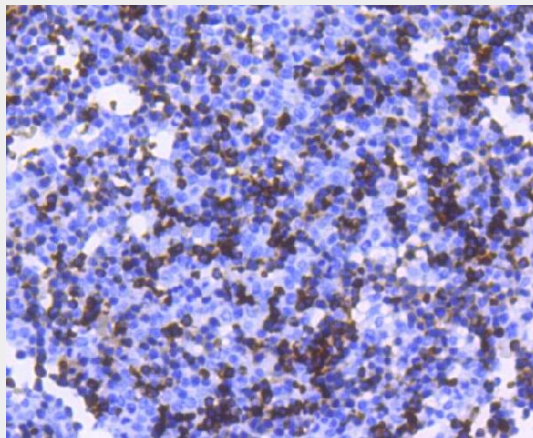
Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Images



Western blot analysis of Hemoglobin subunit alpha expression in K562 cell lysate.



Immunohistochemical analysis of paraffin-embedded human spleen, using hemoglobin subunit alpha Antibody.



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue using anti-Hemoglobin subunit alpha antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.