10320 Camino Santa Fe, Suite G
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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

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Name HBA1

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

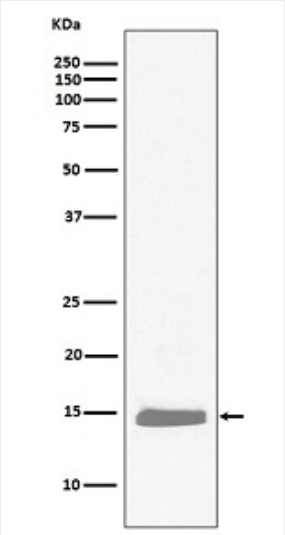
Tissue Location
Red blood cells.

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 Cytomety
- Cell Culture

Anti-Hemoglobin subunit alpha HBA1 Rabbit Monoclonal Antibody - Images



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

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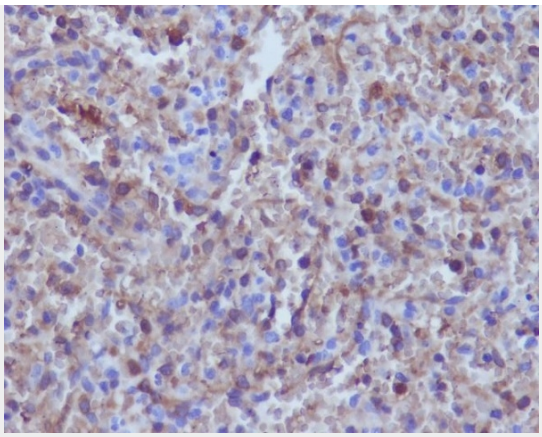
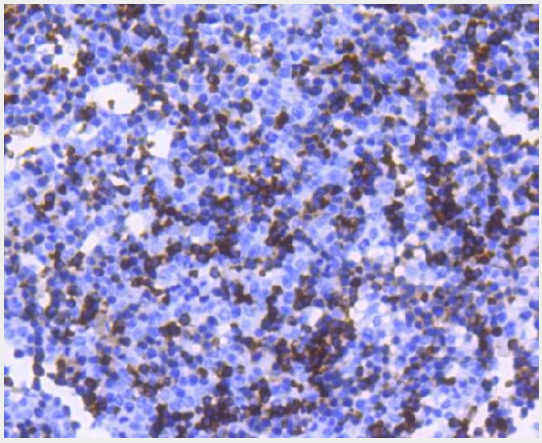


Immunohistochemical analysis of paraffin-embedded human spleen, using hemoglobin subunit alpha Antibody.



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.