

Rabbit Anti-Hemoglobin Alpha [EP124]: RM0103

Intended Use: For Research Use Only

Description: Hemoglobin alpha chain belongs to the globin family and is involved in oxygen transport from the lung to various peripheral tissues. It is a heterotetramer of two alpha chains and two beta chains in adult hemoglobin A (HbA); two alpha chains and two delta chains in adult hemoglobin A2 (HbA2). Hemoglobin alpha chain is expressed in red blood cells, and defects in HBA1/HBA2 can lead to alpha thalassemia, the most common of monogenic diseases (1). Hemoglobin alpha chain is a useful marker for erythroid cells. An antibody to Hemoglobin alpha has been used for the identification of erythroid cells in myeloproliferative disease.

Specifications:

Clone: EP124
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC, ELISA, WB
Package:

| Description | Catalog No. | Size |
|-------------------------------|-------------|------|
| Hemoglobin Alpha Concentrated | RM0103 | 1 ml |

IHC Procedure*:

Positive Control Tissue: Spleen, erythroleukemia
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.