

## ARG46730 anti-Hemoglobin Alpha Chain antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Monoclonal antibody recognizes Hemoglobin Alpha Chain
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Target Name	Hemoglobin Alpha Chain
Species	Human
Immunogen	Synthetic peptide derived from human hemoglobin alpha chain protein.
Conjugation	Un-conjugated
Alternate Names	HBA-T3; Alpha-globin; HBH; Hemoglobin subunit alpha; Hemoglobin alpha chain

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS, 150 mM Sodium chloride, 0.02% Sodium azide, 0.05% BSA and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	0.05% BSA and 50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	HBA1
Background	Hemoglobin A, A2, and F are the three major forms of hemoglobin in human. Hemoglobin 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); two alpha chains and two gamma chains in fetal hemoglobin F (HbF). Antibody against hemoglobin alpha chain can recognize all three forms of hemoglobins (A, A2, and F). Hemoglobin can be used as an erythroid marker for the detection of immature, dysplastic, and megaloblastic erythroid cells in various hemopoietic disorders and hemoglobinopathies.
Function	Involved in oxygen transport from the lung to the various peripheral tissues. [UniProt]
Calculated Mw	15 kDa
PTM	The initiator Met is not cleaved in variant Thionville and is acetylated.
Cellular Localization	Cytoplasm