

Mouse Hemoglobin epsilon Monoclonal Antibody | anti-HBE1 antibody

Hemoglobin epsilon antibody (FITC)

CATALOG # AAA74655	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Hemoglobin epsilon; Monoclonal Antibody; Hemoglobin epsilon antibody (FITC); Monoclonal Hemoglobin epsilon; Anti-Hemoglobin epsilon; Hemoglobin; anti-HBE1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	90050
Specificity	Hemoglobin epsilon
Form/Format	PBS, pH 7.4, 10mM NaN3.
Concentration	1.0 mg/ml (by UV absorbance at 280nm) (varies by lot)
Sequence Length	147
Applicable Applications for anti-HBE1 antibody	ELISA
Biological Significance	Hemoglobin Gower-1 is found as a minor Hb in the early embryo. It disappears by the third month of pregnancy in favour of haemoglobin Gower-2 and haemoglobin Portland and then Hb F. The zeta chain has 141 amino acid residues. Synthesis of the zeta chain is deficient in cases of hydrops foetalis.
Cross-Reactivity	Hb Gamma chain < 0.01%, Hb Beta chain < 0.01%, Hb Delta chain < 0.01%
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	FITC
Immunogen	Hemoglobin epsilon antibody (FITC) was raised in mouse using hemoglobin gower-I (alpha2 epsilon2) isolated from culture fluids of the cell line K562 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-HBE1 antibody	Mouse monoclonal Hemoglobin epsilon antibody (FITC)
Product Categories/Family for anti-HBE1 antibody	Nutrition & Metabolism ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885393
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NCBI GeneID	3046
NCBI Accession #	NP_005321.1
NCBI GenBank Nucleotide #	NM_005330.3
UniProt Accession #	P02100; Q6FH44
Molecular Weight	16,203 Da
NCBI Official Full Name	hemoglobin subunit epsilon
NCBI Official Synonym Full Names	hemoglobin, epsilon 1
NCBI Official Symbol	HBE1
NCBI Official Synonym Symbols	HBE
NCBI Protein Information	hemoglobin subunit epsilon
UniProt Protein Name	Hemoglobin subunit epsilon
UniProt Gene Name	HBE1
UniProt Synonym Gene Names	HBE
UniProt Entry Name	HBE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/hemoglobin-epsilon-antibody-clone-90050-elisa/74655>