

For Research Use Only

CoraLite® Plus 647-conjugated Hemoglobin Epsilon Polyclonal antibody



Catalog Number: **CL647-12361**

Basic Information

Catalog Number: CL647-12361	GenBank Accession Number: BC015537	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 3046	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	UNIPROT ID: P02100	
Isotype: IgG	Full Name: hemoglobin, epsilon 1	
Immunogen Catalog Number: AG3026	Calculated MW: 147 aa, 16 kDa	
	Observed MW: 12-16 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

The hemoglobin molecule is a tetramer consisting of two alpha- and two beta-globin-like chains. HBE1 (hemoglobin epsilon chain) is a beta-type chain of hemoglobin predominantly expressed during the embryonic stage (21321359). The HBE1 has been regarded as the best marker for fetal nucleated red blood cells (NRBCs). This antibody can be used to label and isolate fetal cells from maternal blood and may be useful in prenatal diagnosis (15906407).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

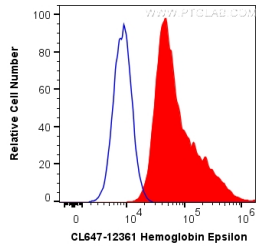
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ K-562 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Hemoglobin Epsilon (CL647-12361) (red), or 0.2 ug isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).