

## Rabbit Anti-Hemoglobin subunit delta/Cy5 Conjugated antibody

SL16467R-Cy5

<b>Product Name</b>	Anti-Hemoglobin subunit delta/Cy5
<b>Chinese Name</b>	Cy5 标记的血红蛋白 $\delta$ 抗体
<b>Alias</b>	Delta-globin; HBD; HBD_HUMAN; Hemoglobin delta chain; Hemoglobin subunit delta.
<b>Research Area</b>	Cell biology immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human
<b>Applications</b>	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	16kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Hemoglobin subunit delta
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> The delta (HBD) and beta (HBB) genes are normally expressed in the adult: two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin. Two alpha chains plus two delta chains constitute HbA-2, which with HbF comprises the remaining 3%

of adult hemoglobin. Five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon--Ggamma--Agamma--delta--beta-3'. Mutations in the delta-globin gene are associated with beta-thalassemia. [provided by RefSeq, Jul 2008]

**Function:**

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

**Tissue Specificity:**

Red blood cells.

**Similarity:**

Belongs to the globin family.

**Database links:**

[Entrez Gene: 3045](#) Human

[Omir: 142000](#) Human

[SwissProt: P02042](#) Human

[Unigene: 699280](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.