



## Rabbit Anti-RHD Polypeptide antibody

SL20221R

<b>Product Name:</b>	RHD Polypeptide
<b>Chinese Name:</b>	Rh polypeptide 2抗体
<b>Alias:</b>	Blood group Rh(D) polypeptide; Blood group--Rhesus system D polypeptide; CD240D; D antigen (DCS); DIIIc; MGC165007; RH; Rh blood group antigen Evans; Rh blood group D antigen; Rh polypeptide 2; RH30; Rh4; RHCED; Rhd; RHD_HUMAN; RhDCw; RHDel; RHDVA(TT); Rhesus blood group D antigen allele DIII type 7; Rhesus D antigen; Rhesus system D polypeptide; RhII; RhK562-II; RhPI.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	45kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human RHD Polypeptide:21-120/417
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The Rh blood group system is the second most clinically significant of the blood groups, second only to ABO. It is also the most polymorphic of the blood groups, with variations due to deletions, gene conversions, and missense mutations. The Rh blood

group includes this gene, which encodes the RhD protein, and a second gene that encodes both the RhC and RhE antigens on a single polypeptide. The two genes, and a third unrelated gene, are found in a cluster on chromosome 1. The classification of Rh-positive and Rh-negative individuals is determined by the presence or absence of the highly immunogenic RhD protein on the surface of erythrocytes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Function:**

May be part of an oligomeric complex which is likely to have a transport or channel function in the erythrocyte membrane.

**Subcellular Location:**

Membrane.

**Tissue Specificity:**

Restricted to tissues or cell lines expressing erythroid characters.

**Similarity:**

Belongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.

**SWISS:**

Q02161

**Gene ID:**

6007

**Database links:**

[Entrez Gene: 6007Human](#)

[Omir: 111680Human](#)

[SwissProt: Q02161Human](#)

[Unigene: 449968Human](#)

**Important Note:**

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