

[Go to Product page](#)

Datasheet for ABIN111436 **anti-RHCE antibody**

Overview

Quantity:	0.2 mg
Target:	RHCE
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RHCE antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human erythrocytes.
Clone:	BRIC69
Isotype:	IgG1
Specificity:	This antibody recognises erythrocytes of normal Rh types but does not recognise Rhnull erythrocytes. This antibody reacts with 31 kDa and 35-51 kDa proteins which were designated CD240DCE at the 7th leucocyte typing workshop.
Cross-Reactivity (Details):	Also reacts to: CD240D
Purification:	Purified

Target Details

Target:	RHCE
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Target Details

Alternative Name:	CD240CE / RHCE (RHCE Products)
Background:	<p>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 both the RhC and RhE antigens on a single polypeptide and a second gene which encodes the RhD protein. 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. A mutation in this gene results in amorph-type Rh-null disease. There are thirteen named isoforms. Synonyms: Blood group Rh(CE) polypeptide, Rh polypeptide 1, Rh30A, RhIXB, Rhesus C/E antigens</p>
Gene ID:	6006
NCBI Accession:	NP_065231
UniProt:	P18577

Application Details

Application Notes:	<p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the use</p>
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Tris buffered glycine, pH 7.7 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.