

Product datasheet for **BM266P**

RHCE (+ CD240D) Mouse Monoclonal Antibody [Clone ID: BRIC69]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BRIC69
Applications:	ELISA, FC, IHC, IP
Recommended Dilution:	Flow cytometry. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human erythrocytes.
Specificity:	This antibody recognises erythrocytes of normal Rh types but does not recognise Rhnull erythrocytes. This antibody reacts with 31kD and 35-52kD proteins which were designated CD240DCE at the 7th leucocyte typing workshop.
Formulation:	Tris buffered glycine, pH7.7 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Rh blood group CcEe antigens
Database Link:	Entrez Gene 6006 Human P18577



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Background:

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:

Rhesus C/E antigens, Rh30A, RhIXB, Rh polypeptide 1