

ARG23142 anti-CD238 / KELL antibody [BRIC203]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BRIC203] recognizes CD238 / KELL Mouse anti Human CD238 antibody, clone BRIC203 recognizes human CD238, also known as the kell blood group antigen Kpbc. The kell blood group antigens are carried on the ~93 kDa erythrocyte membrane glycoprotein. In hemagglutination tests, Mouse anti Human CD238 antibody, clone BRIC203 reacts with Kp (a-b+) but not Kp (a+b-). In addition Mouse anti Human CD238 antibody, clone BRIC203 will agglutinate Kp (a+b-c+) and Kp (a-b-c+) erythrocytes but not react with Ko erythrocytes. Weaker staining in flow cytometry is observed on erythroblasts derived from CD34+ hematopoietic progenitor cells, compared to Kp (a-b+) red blood cells.
Tested Reactivity	Hu
Tested Application	FACS, IP
Host	Mouse
Clonality	Monoclonal
Clone	BRIC203
Isotype	IgG1
Target Name	CD238 / KELL
Species	Human
Immunogen	Human erythrocytes.
Conjugation	Un-conjugated
Alternate Names	CD238; Kell blood group glycoprotein; ECE3; CD antigen CD238; EC 3.4.24.-

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	IP	Assay-dependent
Application Note	FACS: Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	KEL
Gene Full Name	Kell blood group, metallo-endopeptidase
Background	This gene encodes a type II transmembrane glycoprotein that is the highly polymorphic Kell blood group antigen. The Kell glycoprotein links via a single disulfide bond to the XK membrane protein that carries the Kx antigen. The encoded protein contains sequence and structural similarity to members of the neprilysin (M13) family of zinc endopeptidases. [provided by RefSeq, Jul 2008]
Function	Zinc endopeptidase with endothelin-3-converting enzyme activity. Cleaves EDN1, EDN2 and EDN3, with a marked preference for EDN3. [UniProt]
Calculated Mw	83 kDa
PTM	N-glycosylated. [UniProt]