

## Product datasheet for **BM259P**

### **KEL Mouse Monoclonal Antibody [Clone ID: BRIC203]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	BRIC203
Applications:	AGG, ELISA, IHC
Recommended Dilution:	<b>Immunoprecipitation.</b> <b>Haemagglutination.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Erythrocytes. Spleen cells from immunised Balb/c were fused with cells of a myeloma cell line.
Specificity:	This antibody recognises CD238, also known as the kell blood group antigen Kpbc. The kell blood group antigens are carried on a 93kD erythrocyte membrane glycoprotein. In haemagglutination tests, BRIC203 reacts with Kp (a-b+) but not Kp (a+b-). In addition this antibody will agglutinate Kp (a+b-c+) and Kp (a-b-c+) erythrocytes but not react with Ko Erythrocytes.
Formulation:	Tris Buffered Glycine, pH 7.8 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
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:	Kell blood group, metallo-endopeptidase
Database Link:	<a href="#">Entrez Gene 3792 Human P23276</a>



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**Background:** Blood Group Kell Antigen is a type II transmembrane glycoprotein. The Kell glycoprotein links to the XK membrane protein, that carries the Kx antigen via a single disulfide bond. The encoded protein contains sequence and structural similarity to members of the neprilysin (M13) family of zinc endopeptidases.

**Synonyms:** Kell blood group glycoprotein