

## Product datasheet for **AP52330PU-N**

### **KEL (Center) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 213-243 amino acids from the Central region of Human CD238 / KEL
Specificity:	This antibody recognizes Human CD238 / KEL (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store 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>
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.



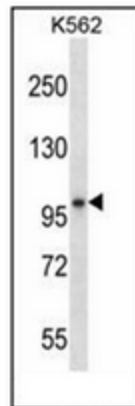
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Synonyms: Kell blood group glycoprotein

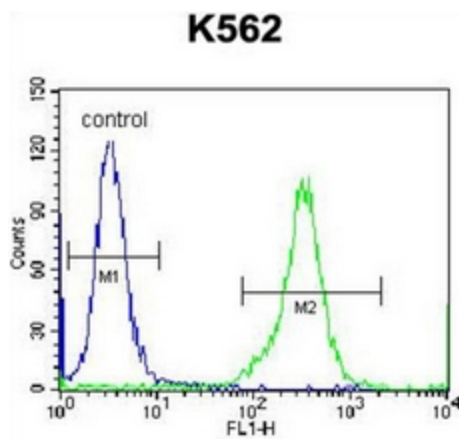
Note: **Molecular Weight:** 82824 Da

Protein Families: Druggable Genome, Protease, Transmembrane

### Product images:



Western blot analysis of CD238 / KEL Antibody (Center) in K562 cell line lysates (35ug/lane). This demonstrates the KEL antibody detected the KEL protein (arrow).



Flow cytometric analysis of K562 cells using CD238 / KEL Antibody (Center) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.