

Datasheet for ABIN951237  
**anti-KEL antibody (Middle Region)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	KEL
Binding Specificity:	AA 213-243, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KEL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 213-243 amino acids from the Central region of Human CD238 / KEL
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human CD238 / KEL (Center).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	KEL
Alternative Name:	CD238 / KEL ( <a href="#">KEL Products</a> )
Background:	This gene encodes a type II transmembrane glycoprotein that is the highly polymorphic Kell

## Target Details

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. Synonyms: Kell blood group glycoprotein

Molecular Weight: 82824 Da

Gene ID: 3792

NCBI Accession: [NP\\_000411](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

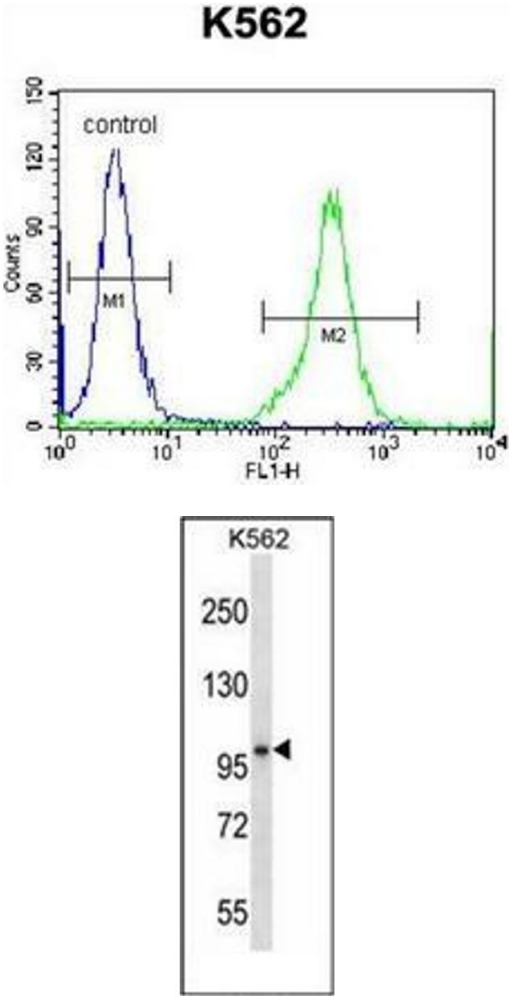
Preservative: Sodium azide

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 undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

**Image 1.** Flow cytometric analysis of K562 cells using CD238 / KEL Antibody (Center) Cat.-No AP52330PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** 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).