

Datasheet for ABIN5535589
anti-KEL antibody (AA 214-243)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	KEL
Binding Specificity:	AA 214-243
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KEL antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This KEL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-243 amino acids from the Central region of human KEL.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KEL
Alternative Name:	KEL (KEL Products)
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

Target Details

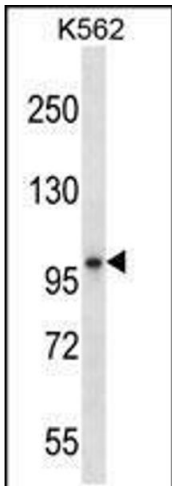
	similarity to members of the neprilysin (M13) family of zinc endopeptidases.
Molecular Weight:	83 kDa
Gene ID:	3792
UniProt:	P23276

Application Details

Application Notes:	For WB starting dilution is: 1:1000
	For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only

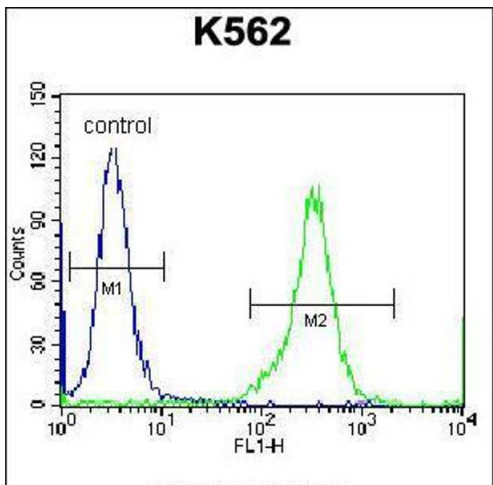
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in K562 cell line lysates (35ug/lane).



Flow Cytometry

Image 2. Flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.