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## anti-Tetraspanin 2 antibody (AA 109-137)





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Overview	
Quantity:	400 μL
Target:	Tetraspanin 2 (TSPAN2)
Binding Specificity:	AA 109-137
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This TSPAN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-137 amino acids from the Central region of human TSPAN2.
Clone:	RB23467
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Tetraspanin 2 (TSPAN2)
Alternative Name:	TSPAN2 (TSPAN2 Products)
Background:	TSPAN2 is a member of the transmembrane 4 superfamily, also known as the tetraspanin

### **Target Details**

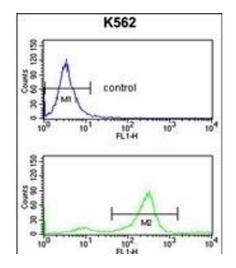
	family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility.
Molecular Weight:	24148
Gene ID:	10100
NCBI Accession:	NP_005716
UniProt:	060636

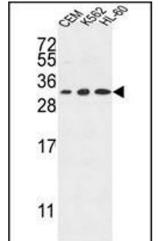
## Application Details

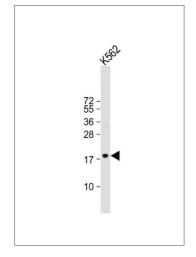
Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







#### **Flow Cytometry**

**Image 1.** TSN2 Antibody (Center) (ABIN653269 and ABIN2842786) flow cytometry analysis of K562 cells (bottom histogram) comred to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **Western Blotting**

**Image 2.** TSN2 Antibody (Center) (ABIN653269 and ABIN2842786) western blot analysis in CEM,K562,HL-60 cell line lysates (35  $\mu$ g/lane).This demonstrates the TSN2 antibody detected the TSN2 protein (arrow).

#### **Western Blotting**

Image 3. Anti-TSN2 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.