

Datasheet for ABIN6242668

anti-Tetraspanin 6 antibody (C-Term)**3** Images**2** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Tetraspanin 6 (TSPAN6)
Binding Specificity:	AA 176-205, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tetraspanin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This TSPAN6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176~205 amino acids from the C-terminal region of human TSPAN6.
Clone:	RB23234
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Tetraspanin 6 (TSPAN6)
Alternative Name:	TSPAN6 (TSPAN6 Products)
Background:	The protein 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. This encoded protein is a cell surface glycoprotein and is highly similar in sequence to the transmembrane 4 superfamily member 2.

Molecular Weight:	27563
NCBI Accession:	NP_001265672 , NP_003261
UniProt:	O43657

Application Details

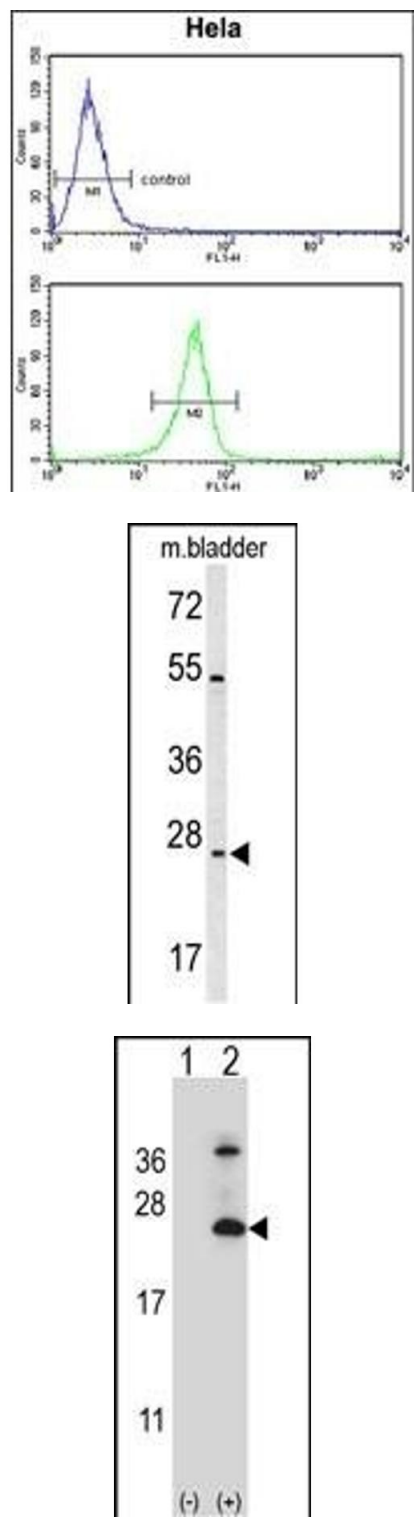
Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

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
Expiry Date:	6 months

Publications

Product cited in:	Hartweger, Schweighoffer, Davidson, Peirce, Wack, Tybulewicz: "Themis2 is not required for B cell development, activation, and antibody responses." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 193, Issue 2, pp. 700-7, (2014) (PubMed).
	Peirce, Brook, Morrice, Snelgrove, Begum, Lanfrancotti, Notley, Hussell, Cope, Wait: "Themis2/ICB1 is a signaling scaffold that selectively regulates macrophage Toll-like receptor signaling and cytokine production." in: PLoS ONE , Vol. 5, Issue 7, pp. e11465, (2010) (PubMed).



Flow Cytometry

Image 1. TSN6 Antibody (C-term) (ABIN6242668 and ABIN6579053) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of TSN6 Antibody (C-term) (ABIN6242668 and ABIN6579053) in mouse bladder tissue lysates (35 µg/lane). TSN6 (arrow) was detected using the purified b.

Western Blotting

Image 3. Western blot analysis of TSN6 (arrow) using rabbit polyclonal TSN6 Antibody (C-term) (ABIN6242668 and ABIN6579053). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TSN6 gene.