

Datasheet for ABIN6242898
anti-AVPR2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	AVPR2
Binding Specificity:	AA 343-377, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVPR2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This AVPR2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 343-377 amino acids from the C-terminal region of human AVPR2.
Clone:	RB52186
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AVPR2
Alternative Name:	AVPR2 (AVPR2 Products)
Background:	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which

Target Details

activate adenylate cyclase. Involved in renal water reabsorption.

Molecular Weight: 40279

UniProt: [P30518](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

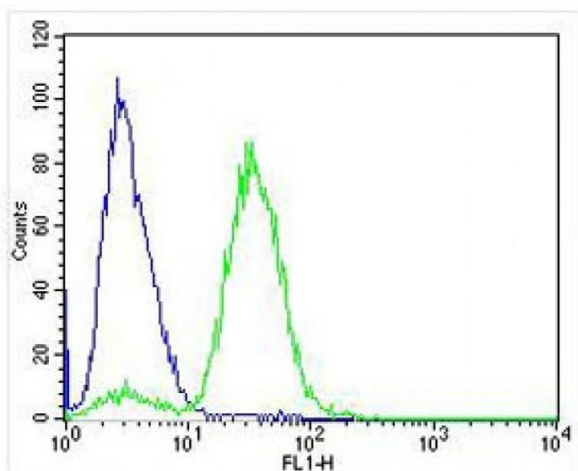
Preservative: Sodium azide

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

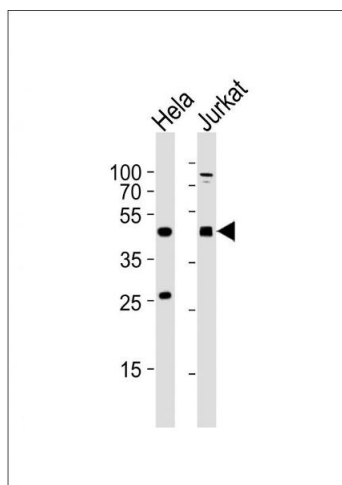
Expiry Date: 6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing Jurkat cells stained with (ABIN6242898 and ABIN6577958) (green line). The cells were fixed with 4 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µ



g/ 1×10^6 cells) used under the same conditions. Acquisition of $>10,000$ events was performed.

Western Blotting

Image 2. All lanes : Anti-AVPR2 Antibody (C-term) at 1:2000 dilution Lane 1: Hela whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.