

Datasheet for ABIN651898

anti-R-Spondin 4 antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	R-Spondin 4 (RSP04)
Binding Specificity:	AA 199-228, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This R-Spondin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RSP04 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-228 amino acids from the C-terminal region of human RSP04.
Clone:	RB26928
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	R-Spondin 4 (RSP04)
Alternative Name:	RSP04 (RSP04 Products)

Target Details

Background: RSP04 is a member of the R-spondin family of proteins that share a common domain organization consisting of a signal peptide, cysteine-rich/furin-like domain, thrombospondin domain and a C-terminal basic region. The encoded protein may be involved in activation of Wnt/beta-catenin signaling pathways. Mutations in this gene are associated with anonychia congenital. Alternate splicing results in multiple transcript variants.

Molecular Weight: 26171

Gene ID: 343637

NCBI Accession: [NP_001025042](#), [NP_001035096](#)

UniProt: [Q2I0M5](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. 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.

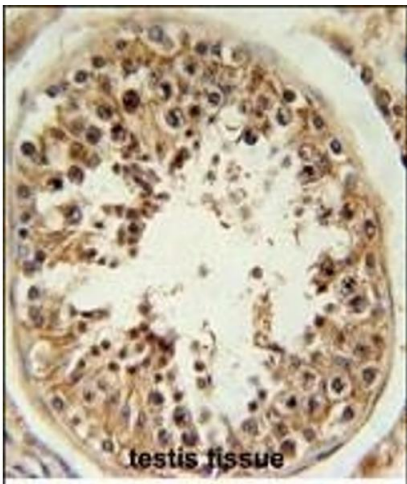
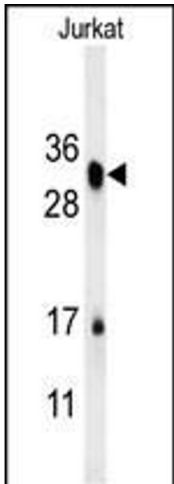
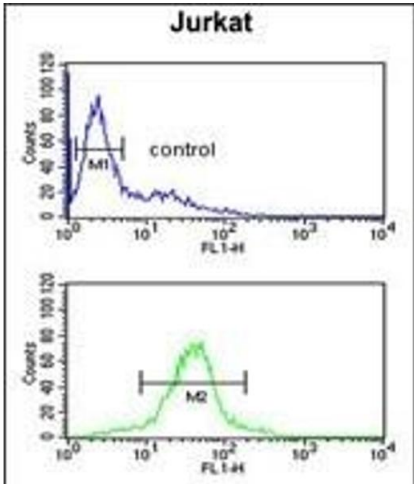
Preservative: Sodium azide

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. RSP04 Antibody (C-term) (ABIN651898 and ABIN2840444) flow cytometric analysis of Jurkat 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. RSP04 Antibody (C-term) (ABIN651898 and ABIN2840444) western blot analysis in Jurkat cell line lysates (15 µg/lane). This demonstrates the RSP04 antibody detected the RSP04 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. RSP04 Antibody (C-term) (ABIN651898 and ABIN2840444) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RSP04 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.