



# Rat anti-Mouse RSP04 monoclonal antibody, clone 546304 (CABT-B9533)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Immunogen	E. coli-derived recombinant mouse R-Spondin 4 Tyr21-Pro197
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	546304
Purification	Protein A/G
Conjugate	Unconjugated
Applications	WB
Format	Lyophilized
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

This gene encodes 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.[provided by RefSeq, Sep 2009]

**Keywords**

RSPO4; R-spondin 4; CRISTIN4; C20orf182; R-spondin-4; hRspo4; R-spondin family, member 4; roof plate-specific spondin-4;

## GENE INFORMATION

**Entrez Gene ID**

[343637](#)

**UniProt ID**

[Q2I0M5](#)