



# Rat Anti-Mouse LRIG1 monoclonal antibody, clone 551821 (CABT-L3169)

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

## PRODUCT INFORMATION

<b>Target</b>	Mouse LRIG1
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse LRIG1, Ala37-Thr794
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	551821
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL, Neut
<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	Long time storage is recommended at -20°C.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	LRIG1 (formerly LIG-1) is one of three mammalian LRR (leucine-rich repeat) and Ig-like domain-containing type I transmembrane glycoproteins that share 45-50% amino acid (aa) identity. All contain fifteen LRRs flanked by cysteine-rich regions and three C-type Ig-like domains within their extracellular domains (ECD). LRIG1 shows the highest expression in liver, brain, stomach, small intestine and skeletal muscle. Expression is prominent in certain epithelia and subsets of glial cells. Within the cell, LRIG1 is expressed in the perinuclear region as well as on the surface.
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Keywords	LIG1;LIG-1;LRIG1
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# GENE INFORMATION

Synonyms	LIG1; LIG-1; LRIG1; Leucine Rich Repeats And Immunoglobulin Like Domains 1
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