



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

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

Keywords

LIG1;LIG-1;LRIG1

GENE INFORMATION

Synonyms

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