

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LRRC3B in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 758315
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human LRRC3B Phe28-Ala205 Accession # Q96PB8
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

LRRC3B, also known as LRP15, is a transmembrane leucine-rich protein that is downregulated by promoter methylation in gastric and colorectal cancers. It confers resistance to ultraviolet light-induced DNA damage and functions as a tumor suppressor. Mature human LRRC3B contains an LRR N-terminal domain (aa 34-64), 3 LRR repeats (aa 65-135), an LRR C-terminal domain (aa 145-197), a transmembrane segment (aa 205-225), and a C-terminal region (aa 226-259). Within aa 28-205, human LRRC3B shares 100% aa sequence identity with mouse and rat LRRC3B.

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