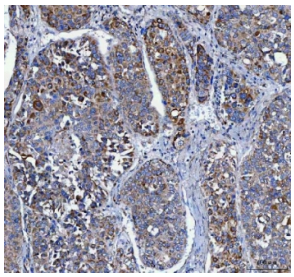
# LRRC75B Antibody / FAM211B (RQ8550)

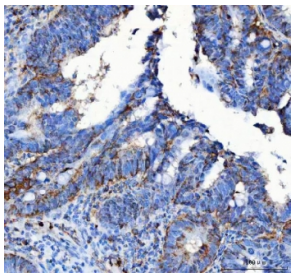
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ8550 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

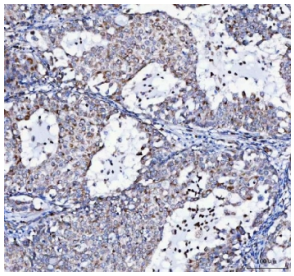
| | |
|---|---|
| **Availability** | 1-3 days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q2VPJ9 |
| **Applications** | Western blot: 0.5-1ug/ml<br>Immunohistochemistry (FFPE): 2-5ug/ml<br>Flow cytometry: 1-3ug/million cells<br>ELISA: 0.1-0.5ug/ml |
| **Limitations** | This LRRC75B antibody is available for research use only. |



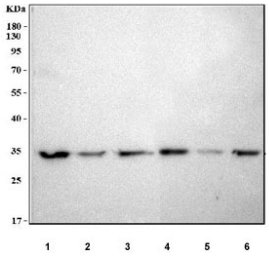
IHC staining of FFPE human liver cancer tissue with LRRC75B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



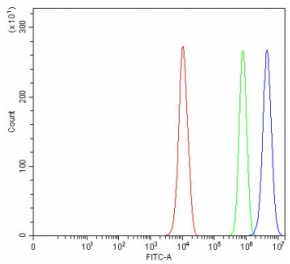
IHC staining of FFPE human colorectal adenocarcinoma tissue with LRRC75B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lung cancer tissue with LRRC75B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.




Western blot testing of 1) human HepG2, 2) human SH-SY5Y, 3) human MCF7, 4) rat C6, 5) mouse brain and 6) mouse Neuro-2a cell lysate with LRRC75B antibody. Predicted molecular weight ~35 kDa.




Flow cytometry testing of fixed and permeabilized human PC-3 cells with LRRC75B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LRRC75B antibody.

## Description

LRRC75B (Leucine-rich repeat-containing protein 75B), also called FAM211B (Family with sequence similarity 211, member B) is a leucine-rich repeat (LRR) protein present in viruses as well as eukaryotes. It is involved in diverse functions and is involved in protein-protein interactions. The LRR domains fold into a horseshoe (or arc) shape with a parallel beta-sheet on the concave face.

## Application Notes

Optimal dilution of the LRRC75B antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids Q59-E283) was used as the immunogen for the LRRC75B antibody.

## Storage

After reconstitution, the LRRC75B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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