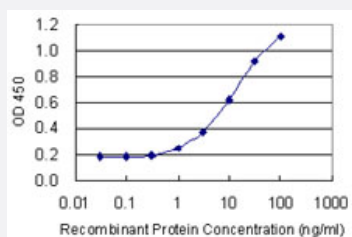


# RLF monoclonal antibody (M05), clone 2G2

Catalog # H00006018-M05

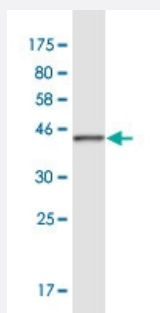
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLF is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant RLF.

### Immunogen

RLF (NP\_036553.1, 1805 a.a. ~ 1913 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

SNDLTGNVVANNMVNDSEPEVDIPHSSSDSTIHENLTAIPPLVAETTTVPSENLRVVLDKALTDC  
GELALKQLHYLRPVVVLERSKFSTPILDLFPTKKTDEL CVGS

### Host

Mouse

### Reactivity

Human

|                               |                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Rat (88)                                                                                                 |
| Isotype                       | IgG2a Kappa                                                                                              |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.73 KDa) . |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLF is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — RLF

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6018</a>                                              |
| GeneBank Accession# | <a href="#">NM_012421</a>                                         |
| Protein Accession#  | <a href="#">NP_036553.1</a>                                       |
| Gene Name           | RLF                                                               |
| Gene Alias          | MGC142226, ZN-15L, ZNF292L                                        |
| Gene Description    | rearranged L-myc fusion                                           |
| Omim ID             | <a href="#">180610</a>                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                         |
| Other Designations  | OTTHUMP00000006395 Zn-15 related rearranged L-myc fusion sequence |

## Publication Reference

- [Loss of Rearranged L-Myc Fusion \(RLF\) results in defects in heart development in the mouse.](#)

Bourke LM, Del Monte-Nieto G, Outhwaite JE, Bharti V, Pollock PM, Simmons DG, Adam A, Hur SS, Maghzal GJ, Whitelaw E, Stocker R, Suter CM, Harvey RP, Harten SK.

Differentiation 2016 Dec; 94:8.

Application: WB-Ti, Mouse, Mouse brain, embryo, heart, liver, kidney

- [An ENU mutagenesis screen identifies novel and known genes involved in epigenetic processes in the mouse.](#)

Daxinger L, Harten SK, Oey H, Epp T, Isbel L, Huang E, Whitelaw N, Apedaile A, Sorolla A, Yong J, Bharti V, Sutton J, Ashe A, Pang Z, Wallace N, Gerhardt DJ, Blewitt ME, Jeddeloh JA, Whitelaw E.

Genome Biology 2013 Sep; 14(9):R96.

Application: WB-Ti, Mouse, Embryo