

## YTHDF2 recombinant antibody

Rabbit anti-YTHDF2 Recombinant Monoclonal Antibody [BLR297M]

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                   |
|-----------|--------|--------------|------------------------------------------------|
| AAA213695 | Rabbit | Human, Mouse | Flow Cytometry, Functional Assay, Western Blot |

### PRODUCT SYNONYMS

YTHDF2; Monoclonal Recombinant Antibody; Rabbit anti-YTHDF2 Recombinant Monoclonal Antibody [BLR297M]; renal carcinoma antigen NY-REN-2; NY-REN-2; YTH N(6)-methyladenosine RNA binding protein 2; YTH domain-containing family protein 2; 9430020E02Rik; HGRG8; CLL-associated antigen KW-14; CAHL; YTH domain family; member 2; high-glucose-regulated protein 8; YTH N6-methyladenosine RNA binding protein 2; YTHDF2 recombinant antibody

### PRODUCT SPECIFICATIONS

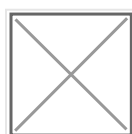
|                                                         |                                                                                         |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                                    | Rabbit                                                                                  |
| Reactivity                                              | Human, Mouse                                                                            |
| Clonality                                               | Monoclonal                                                                              |
| Clone Number                                            | BLR297M                                                                                 |
| Purity/Purification                                     | Purified                                                                                |
| Form/Format                                             | Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                           | 500ug/ml (varies by lot)                                                                |
| Applicable Applications for YTHDF2 recombinant antibody | FCM/FACS (Flow Cytometry), WB (Western Blot)                                            |
| Immunogen                                               | Between 300 and 350                                                                     |
| Conjugation                                             | Unconjugated                                                                            |
| Preparation and Storage                                 | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                        |

### IMAGES



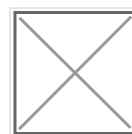
#### WB (Western Blot)

Detection of human YTHDF2 by western blot. Samples: Whole cell lysate (50 ug) from CCRF-CEM, MOLT-4, K-562, Jurkat, and HEL 92.1.7 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-YTHDF2 recombinant monoclonal antibody (AAA213695 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



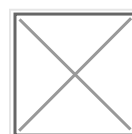
#### WB (Western Blot)

Detection of mouse YTHDF2 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, A20, and Ba/F3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-YTHDF2 recombinant monoclonal antibody (AAA213695 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



#### FCM/FACS (Flow Cytometry)

Detection of human YTHDF2 (shaded) in Jurkat cells by flow cytometry. Antibody: Rabbit anti-YTHDF2 recombinant monoclonal antibody (AAA213695) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .



#### FCM/FACS (Flow Cytometry)

Detection of mouse YTHDF2 (shaded) in NIH3T3 cells by flow cytometry. Antibody: Rabbit anti-YTHDF2 recombinant monoclonal antibody (AAA213695) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for YTHDF2 recombinant antibody | YTHDF2 is a member of the YTH-domain containing (YT521-B homology) superfamily which also contains YTHDF1 and YTHDF3. These proteins share a conserved C-terminal YTH domain that specifically interacts with N6-methyladenosine (m6A) modified RNA. The m6A modification is present at internal sites of mRNAs and some non-coding RNAs and plays an important role in mRNA splicing, processing, and stability. YTHDF2 binding appears to promote mRNA degradation, but has minimal effect on translation efficiency. [adapted from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q9Y5A9">www.uniprot.org/uniprot/Q9Y5A9</a> ]. |
| Product Categories/Family for YTHDF2 recombinant antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| NCBI GeneID                | 51441                                                      |
| UniProt Accession #        | <a href="http://www.uniprot.org/uniprot/Q9Y5A9">Q9Y5A9</a> |
| UniProt Protein Name       | YTH domain-containing family protein 2                     |
| UniProt Gene Name          | YTHDF2                                                     |
| UniProt Synonym Gene Names | HGRG8                                                      |
| UniProt Entry Name         | YTHD2_HUMAN                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ythdf2-recombinant-antibody-clone-blr297m-flow-cytometry-western-blot-elisa/213695>