

# Rabbit Leptin Monoclonal Antibody | anti-LEPR antibody

Leptin Receptor Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                              |
|-----------|--------|-------------------|-------------------------------------------------------------------------------------------|
| AAA30347  | Rabbit | Human, Mouse, Rat | Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay |

## PRODUCT SYNONYMS

Leptin; Monoclonal Antibody; Leptin Receptor Antibody; CD 295 antibody; CD295 antibody; CD295 antigen antibody; Db antibody; Fa antibody; HuB219 antibody; LEP R antibody; LEP-R antibody; LEPR antibody; LEPR\_HUMAN antibody; LEPRD antibody; Leptin receptor antibody; Leptin receptor fatty antibody; Leptin receptor gene related protein antibody; Leptin receptor precursor antibody; OB R gene related protein antibody; OB receptor antibody; OB-R antibody; OB-RGRP antibody; obl antibody; Obr antibody; anti-LEPR antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                   |
| Clonality                                      | Monoclonal                                                                                          |
| Clone Number                                   | JA73-01                                                                                             |
| Purity/Purification                            | ProA affinity purified                                                                              |
| Form/Format                                    | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.                              |
| Applicable Applications for anti-LEPR antibody | WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry) |
| Application Notes                              | FC/FACS: 1:50-1:100                                                                                 |
| Antibody Type                                  | Recombinant Antibody                                                                                |
| Immunogen                                      | Recombinant protein                                                                                 |
| Conjugation                                    | Unconjugated                                                                                        |
| Preparation and Storage                        | Store at -20 degree C.                                                                              |

## IMAGES



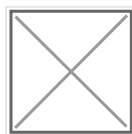
### FCM (Flow Cytometry)

Flow cytometric analysis of K562 cells with Leptin Receptor antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



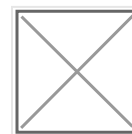
### ICC (Immunocytochemistry)

ICC staining Leptin Receptor in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Leptin Receptor antibody. Counter stained with hematoxylin.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-Leptin Receptor antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-Leptin Receptor antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Leptin Receptor antibody. Counter stained with hematoxylin.

**ADDITIONAL INFORMATION**

|                                                           |                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LEPR antibody</b> | Receptor for obesity factor (leptin). On ligand binding, mediates signaling through JAK2/STAT3. Involved in the regulation of fat metabolism and, in a hematopoietic pathway, required for normal lymphopoiesis. May play a role in reproduction. Can also mediate the ERK/FOS signaling pathway. |
| <b>Product Categories/Family for anti-LEPR antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                  |

**NCBI AND UNIPROT INFORMATION**

|                                         |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| <b>NCBI GI #</b>                        | 51093379                                               |
| <b>NCBI GeneID</b>                      | 3953                                                   |
| <b>NCBI Accession #</b>                 | NP_001003679.1                                         |
| <b>NCBI GenBank Nucleotide #</b>        | NM_001003679.3                                         |
| <b>UniProt Accession #</b>              | P48357; Q13592; Q13593; Q13594; Q92919; Q92920; Q92921 |
| <b>Molecular Weight</b>                 | 132,494 Da                                             |
| <b>NCBI Official Full Name</b>          | leptin receptor isoform 3                              |
| <b>NCBI Official Synonym Full Names</b> | leptin receptor                                        |
| <b>NCBI Official Symbol</b>             | LEPR                                                   |
| <b>NCBI Official Synonym Symbols</b>    | OBR; OB-R; CD295; LEP-R; LEPRD                         |
| <b>NCBI Protein Information</b>         | leptin receptor; huB219; OB receptor                   |
| <b>UniProt Protein Name</b>             | Leptin receptor                                        |
| <b>UniProt Gene Name</b>                | <b>LEPR</b>                                            |
| <b>UniProt Synonym Gene Names</b>       | DB; OBR; LEP-R; OB-R                                   |
| <b>UniProt Entry Name</b>               | LEPR_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/leptin-antibody-clone-ja73-01-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/30347>