

## Datasheet for ABIN609033 **anti-Leptin Receptor antibody**



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### Overview

|              |                                                                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                                                                             |
| Target:      | Leptin Receptor (LEPR)                                                                                                                                             |
| Reactivity:  | Human                                                                                                                                                              |
| Host:        | Mouse                                                                                                                                                              |
| Clonality:   | Monoclonal                                                                                                                                                         |
| Conjugate:   | This Leptin Receptor antibody is un-conjugated                                                                                                                     |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|               |                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Human soluble leptin receptor (sLR) in plasma.                                                                                                                                                                        |
| Isotype:      | IgG1                                                                                                                                                                                                                  |
| Specificity:  | Recognizes human soluble leptin receptor (sLR) in plasma. It specifically reacts with sLR with a molecular mass of 180kD. The 2F1 antibody can be used to measure in both free sLR and sLR bound to leptin in plasma. |
| Purification: | Purified                                                                                                                                                                                                              |

### Target Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Target:           | Leptin Receptor (LEPR)                                   |
| Alternative Name: | LEPR / Leptin Receptor ( <a href="#">LEPR Products</a> ) |
| Background:       | Name/Gene ID: LEPR                                       |

## Target Details

Synonyms: LEPR, CD295 antigen, HuB219, LEP-R, OB receptor, LEPRD, OB-R, OBR, CD295, DB, Leptin receptor

Gene ID: 3953

UniProt: [P48357](#)

Pathways: [JAK-STAT Signaling](#), [AMPK Signaling](#), [Feeding Behaviour](#)

## Application Details

Application Notes: Approved: IHC, IHC-Fr (1:50), IHC-P (1:50), WB (1:50)

Usage: Suitable for use in Immunoassays, Western blot, and Immunohistochemistry. Western Blot: 1:50. Immunohistochemistry (frozen and paraffin): 1:50.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.1 % BSA, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing

Storage: 4 °C, -20 °C

Storage Comment: May be stored at 4°C for short-term only. For long-term storage and to avoid freeze-thaw cycles, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C.