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## 36-3213: Anti-SREBP2 Monoclonal Antibody(Clone: SREBP2/1579)

Clonality: Monoclonal
Clone Name: SREBP2/1579
Application: ELISA,IF,WB
Reactivity: Human
Gene: SREBF2
Gene ID: 6721
Uniprot ID: Q12772

Al608257; bHLHd2; Class D basic helix-loop-helix protein 2; OTTHUMP00000028740; Processed

Alternative Name: sterol regulatory element-binding protein 2; SRBP2\_HUMAN; SREBF 2; Srebf2; SREBF2 protein;

SREBP 2; SREBP2; SREBP2gc; sterol regulatory element binding factor 2; Sterol regulatory

element binding transcription factor 2

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Recombinant full-length human SREBF2 protein

## **Description**

The low density lipoprotein (LDL) receptor mediates the endocytic uptake of cholesterol-carrying lipoproteins, thereby controlling cholesterol levels in cells and plasma. Transcription of the LDL receptor gene is controlled by a ten base pair sequence in the 5' flanking region, designated sterol regulatory element 1 (SRE-1). When cellular sterol stores are depleted, the element is activated, the gene is transcribed and the cellular uptake of LDL increases. A set of SREbinding proteins (SREBPs) have been identified, including two basic helixloop-helix-leucine zipper (bHLH-zip) transcription factors, designated SREBP-1 and SREBP-2 have been shown to have the same specificity for SRE-1 in vitro and to activate the transcription of reporter genes containing SRE-1 in the same way.

## **Product Info**

**Amount :** 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition:

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is

stable for 24 months. Non-hazardous.

## **Application Note**

ELISA (For coating, order antibody without BSA); ,Immunofluorescence (1-2ug/ml); ,Western Blot (1-2ug/ml); ,

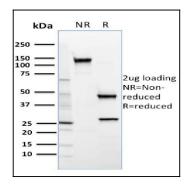


Fig. 1: SDS-PAGE Analysis Purified SREBP2 Mouse Monoclonal Antibody (SREBP2/1579). Confirmation of Purity and Integrity of Antibody.