

Recombinant SREBP1 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone rSREBP1/13261]

Catalog No	Format	Size
6720-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6720-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6720-MSM3-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

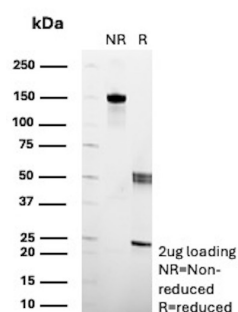
Applications	Tested Dillution	Note
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Product Details

Clone	rSREBP1/13261
Immunogen	Recombinant fragment (around aa301-407) of the human Sterol Regulatory Element Binding Protein (SREBP-1), human protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	121.67kDa
Cellular Localization	COPII-coated vesicle membrane, Cytoplasmic vesicle, Endoplasmic reticulum membrane, Golgi apparatus membrane, Nucleus
Species Reactivity	Human
Positive Control	Ubiquitous expression in adult and fetal tissues.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant SREBP1 (Transcription Factor) Antibody



SDS-PAGE Analysis of Purified Sterol regulatory element-binding protein 1 Mouse Monoclonal Antibody (rSREBP1/13261). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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. 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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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. No MSDS required.