

## Monoclonal Antibody to Human SREBP-1 (Sterol Regulatory Element Binding Protein)

<b>Alternate names:</b>	SREBP-1
<b>Catalog No.:</b>	DM3202
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	2A4
<b>Immunogen:</b>	Recombinant protein encoding N-terminal amino acids 301-407 (the bHLH/leucine zipper domain) of human SREBP-1.
<b>Applications:</b>	Immunoprecipitation. Western Blot (1-2 µg/ml for 2 hrs at RT). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Human SREBP-1 (Epitope: aa 301-407). SREBP-1 and -2 are transcription factors which participate in the control of cholesterol homeostasis. SREBPs proteins, which are attached to the endoplasmic reticulum and nuclear envelope, are proteolytically cleaved and thus activated in response to conditions of low cellular sterol. Recommended positive control: HeLa and IMR5 cells. Cellular Localization: Cytoplasmic, Nuclear. Species Reactivity: Human and Hamster. Others not tested.
	Mol. Wt. of Antigen: 125kD (precursor) and 60-70kD (cleaved).
<b>Storage:</b>	Store the antibody at 4-8°C. Do not freeze. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Wang, X., et al. J. Biol. Chem. 270:15044-18050. 2. Wan