Liver X Receptor beta (LXRB) (Orphan Receptor) Antibody

Mouse Monoclonal Antibody [Clone LXRB/2731]

Catalog No	Format	Size
7376-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7376-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7376-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

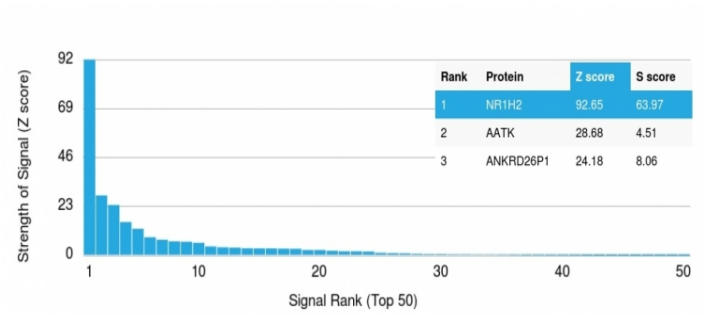
Applications	Tested Dillution	Note

Product Details

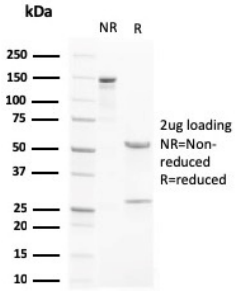
Clone	LXRB/2731
Gene Name	NR1H2
Immunogen	Recombinant full-length human NR1H2 (LXRB) protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c / Kappa
Mol. Weight of Antigen	56kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa, SW480 or A549 cells. Liver.

**Optimal dilution for a specific application should be determined.*

Product Images for Liver X Receptor beta (LXRB) (Orphan Receptor) Antibody



Analysis of Protein Array containing >19,000 full-length human proteins using LX Receptor beta (NR1H2) Mouse Monoclonal Antibody (LXRB/2731) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



SDS-PAGE Analysis of Purified LX Receptor beta Mouse MonoclonalAntibody (LXRB/2731). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

The liver X receptors, LXRA (NR1H3) and LXRB (NR1H2) form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRB is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors and regulate expression of target genes containing LXR response elements. LXRB can inhibit proliferation and induce apoptosis of cancer cells.

Supplied As

200ug/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 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.

Research Areas

Cardiovascular, Nuclear Marker, Signal Transduction, Transcription Factors

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.