Resistin (RETN) Antibody

Mouse Monoclonal Antibody [Clone RETN/3331]

Catalog No	Format	Size
56729-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
56729-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
56729-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

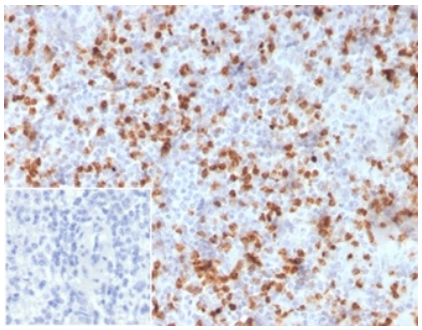
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

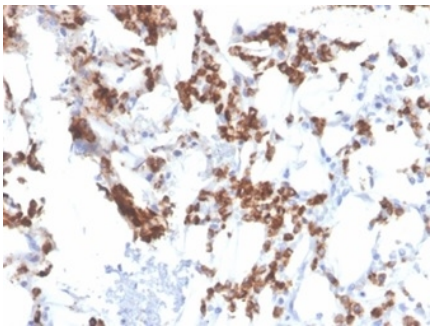
Clone	RETN/3331
Gene Name	RETN
Immunogen	Recombinant fragment of human RETN protein (around aa 19-108) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	~13kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Human bone marrow or spleen.

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

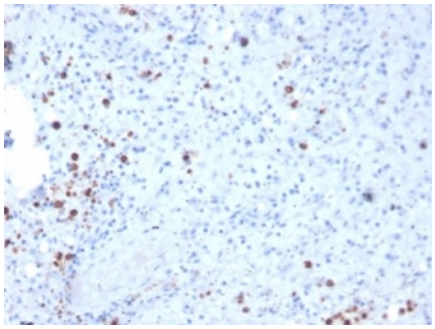
Product Images for Resistin (RETN) Antibody



Formalin-fixed, paraffin-embedded human spleen stained with Resistin Mouse Monoclonal Antibody (RETN/3331). Inset: PBS used instead of primary antibody as negative control



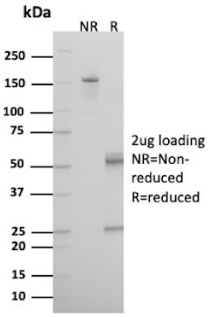
Formalin-fixed, paraffin-embedded human bone marrow stained with Resistin Mouse Monoclonal Antibody (RETN/3331).



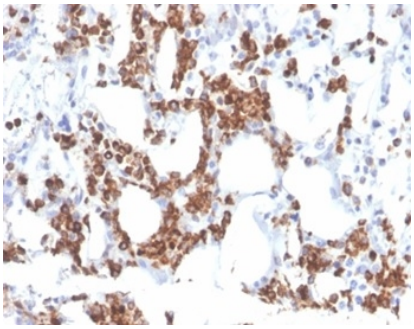
Formalin-fixed, paraffin-embedded human spleen stained with Resistin Mouse Monoclonal Antibody (RETN/3331).



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing Resistin-Monospecific Mouse Monoclonal Antibody (RETN/3331). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (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 MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb 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 MAb to protein X is equal to 29.



SDS-PAGE Analysis of Purified Resistin Mouse Monoclonal Antibody (RETN/3331). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human bone marrow stained with Resistin Mouse Monoclonal Antibody (RETN/3331).

Specificity & Comments

The cysteine-rich, adipose tissue-specific, secretory factor resistin (resistance to Insulin) also known as ADSF, is a secreted hormone that potentially links obesity to diabetes. Resistin is rich in serine and cysteine residues and contains a unique cysteine repeat motif. Resistin and the resistin-like molecules share the characteristic cysteine composition and other signature features. Resistin-like ? is a secreted protein that has restricted tissue distribution and is most highly expressed in adipose tissue. Another family member, resistinlike ?, is a secreted protein expressed only in the gastrointestinal tract, particularly in the colon, in both mouse and human. Resistin-like ? expression is highest in proliferative epithelial cells and is markedly increased in tumors, suggesting a role in intestinal proliferation.

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, Immunology, 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.