ETS1 (Marker of Tumor Metastasis) Antibody

Mouse Monoclonal Antibody [Clone ETS1/1801]

Catalog No	Format	Size
2113-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2113-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2113-MSM1-P1ABX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

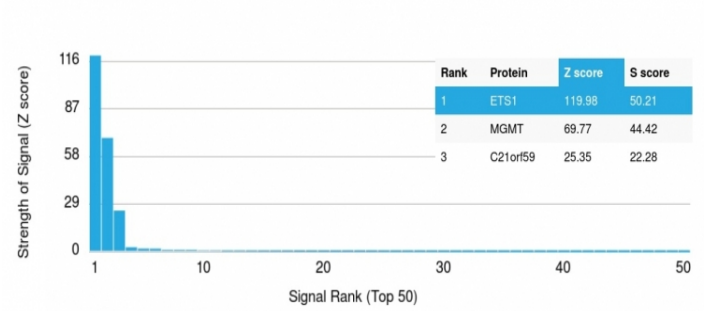
Applications	Tested Dillution	Note

Product Details

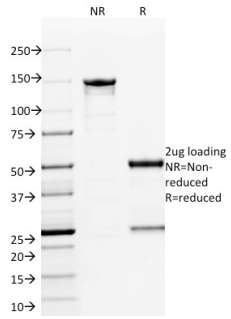
Clone	ETS1/1801
Gene Name	ETS1
Immunogen	Recombinant human ETS1 fragment (around aa137-230) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	54kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	HepG2 and HeLa cells. Tonsil, Kidney and Lymphoma., Pancreas, Skin

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

Product Images for ETS1 (Marker of Tumor Metastasis) Antibody



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing ETS1 Mouse Monoclonal Antibody (ETS1/1801) 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 ETS1 Mouse Monoclonal Antibody (ETS1/1801). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

ETS1 proto-oncogene is an important transcription factor that plays a role in cell proliferation and differentiation. ETS1 is related to the growth of carcinoma cells by its regulation of the transcription of matrix metalloproteinases and urokinase-type plasminogen activator.The processes of tumor invasion and metastasis depend on the increased proteolytic activity of the invading tumor cells that may involve matrix metalloproteinases, cathepsins B and D and plasminogen activator in the metastatic cascade. ETS1 is preferentially expressed in lymphoid cells, where it is essential for the maintenance of the normal pool of resting T and B cells.ETS1 expression level and distribution are differentially controlled in resting, activated and apoptotic lymphocytes.

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

Angiogenesis, Cardiovascular, Endothelial Cell Marker, Hypoxia, Nuclear Marker, Ovarian Cancer

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.