Datasheet for ABIN6939354

anti-ETS1 antibody (AA 137-230)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	ETS1
Binding Specificity:	AA 137-230
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ETS1 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human ETS1 fragment (around aa137-230) (exact sequence is proprietary)
Clone:	ETS1-1801
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ETS1
Alternative Name:	ETS1 (ETS1 Products)
Background:	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

Target Details

	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.
Molecular Weight:	54kDa
Gene ID:	2113
UniProt:	P14921

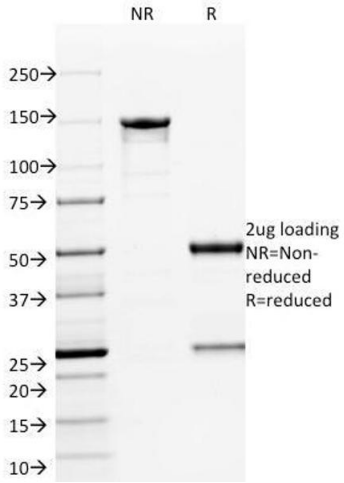
Application Details

Application Notes:	Positive Control: HepG2 and HeLa cells. Tonsil, Skin, Pancreas, Kidney and Lymphoma. Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

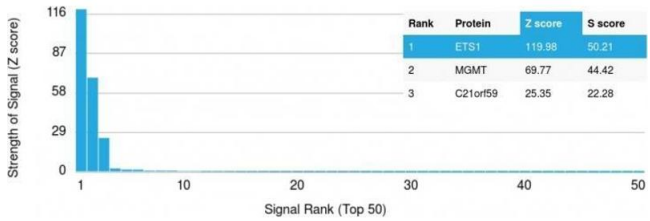
Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store 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.
Expiry Date:	24 months

 Copyright antibodies-online. All rights reserved.



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified ETS1 Mouse Monoclonal Antibody (ETS1/1801). Confirmation of Integrity and Purity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using 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.

 Copyright antibodies-online. All rights reserved.