DATASHEET

TSG101 Rabbit Monoclonal Antibody

CAT. NO. ARA6814

KEY FEATURES

Target	TSG101	**Source/Host**	Rabbit
Reactivity	Human	**Clonality**	Monoclonal
Applications	WB,IHC,FC	**Storage**	at -20°C

BACKGROUND

The transformation of a normal cell to one that is malignant can result from mutations in genes that encode proteins with key regulatory functions. Examples include the retinoblastoma gene product (Rb p110), p53, VHL and APC. Using a novel cloning strategy that allows the isolation of previously uncharacterized genes encoding selectable recessive phenotypes, an additional tumor suppressor gene has been identified. This gene, termed tsg 101 for tumor susceptibility gene 101, encodes a stathmin binding domain protein. When expression of this growth inhibitory gene is blocked in NIH/3T3 cells using antisense mRNA, the cells exhibit a transformed phenotype and are tumorigenic in SL6 mice.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:500 - 1:1000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Antibody Type	Recombinant Rabbit monoclonal Antibody
Immunogen	Synthetic peptide within Human TSG101 aa 24-73 / 390.
Reactivity	Human, Mouse, Rat
Applications	WB, IF-Cell, IF-Tissue, IHC-P, FC
Molecular Weight	Predicted band size: 44 kDa
Positive Control	HeLa cell lysate, K-562 cell lysate, MCF7 cell lysate, Jurkat cell lysate, C2C12 cell lysate, PC-12 cell lysate, mouse brain tissue lysate, rat brain tissue lysate, HeLa, NIH/3T3, PC-12, human kidney tissue, mouse colon tissue, mouse kidney tissue, human colon carcinoma tissue.
Conjugation	unconjugated
Form/Buffer	Liquid; 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide
Isotype	IgG
Purification	Protein A affinity purified

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

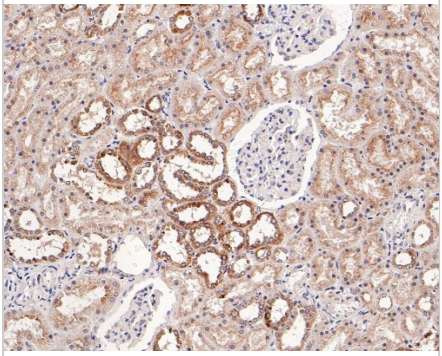
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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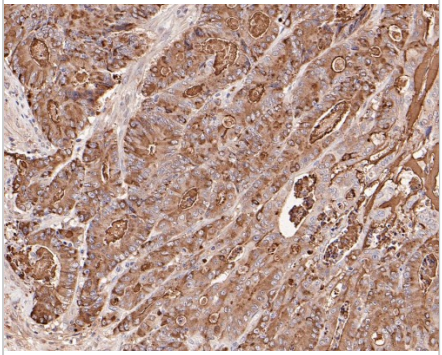
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Immunohistochemical staining of human kidney tissue was performed using TSG101 Rabbit Monoclonal Antibody(ARA962).



Immunohistochemical staining of human colon carcinoma tissue sections was performed using TSG101 Rabbit Monoclonal Antibody(ARA962).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com