

TRPM1 Polyclonal antibody

Catalog Number: 55111-1-AP

Basic Information

Catalog Number: 55111-1-AP	GenBank Accession Number: NM_002420	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 480 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4308	Recommended Dilutions: IHC 1:200-1:2000 IF 1:25-1:100
Source: Rabbit	Full Name: transient receptor potential cation channel, subfamily M, member 1	
Isotype: IgG	Calculated MW: 182 kDa	

Applications

Tested Applications: FC, IF, IHC, ELISA	Positive Controls:
Species Specificity: human	IHC : human lung cancer tissue, IF : SH-SY5Y cells, A431 cells

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

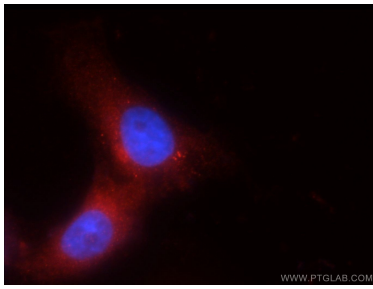
Background Information

Storage

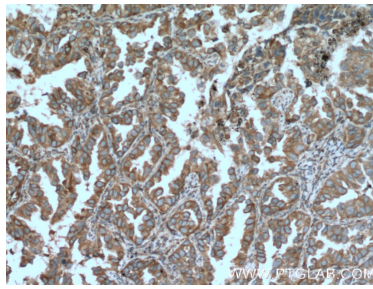
Storage:
Store at -20°C.
Storage Buffer:
0.1M NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

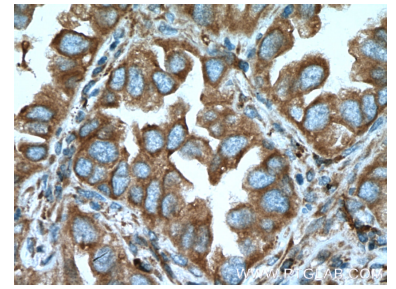
Selected Validation Data



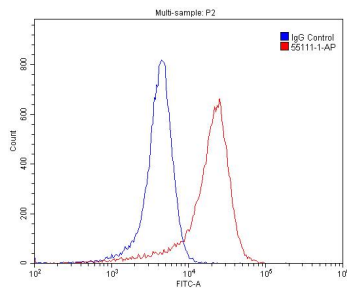
Immunofluorescent analysis of SH-SY5Y cells using 55111-1-AP (TRPM1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



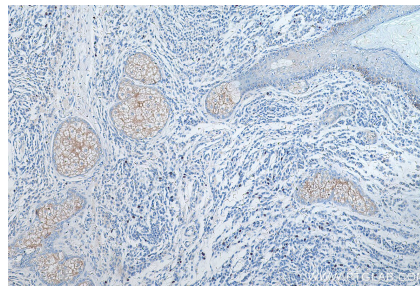
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55111-1-AP (TRPM1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



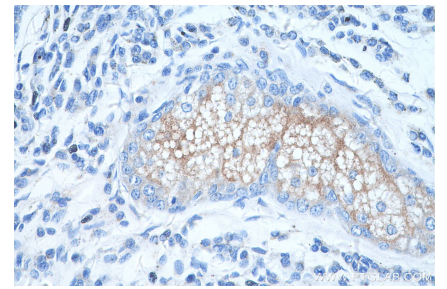
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55111-1-AP (TRPM1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ SH-SY5Y cells were stained with 0.2ug TRPM1 antibody (55111-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 55111-1-AP (TRPM1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 55111-1-AP (TRPM1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).