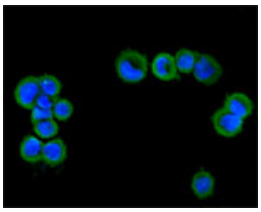
Sheep antibody to TRPM4

Code	OST00033W
ID Tag	Sh238-1-280310-WS
Unit size	100 µl
Immunogen	A synthetic peptide from human TRPM4 conjugated to blue carrier protein was used as the antigen.
Conjugate	Unconjugated antibody
Also known	Transient receptor potential cation channel subfamily M member 4, long transient receptor potential channel 4, hTRPM4, melastatin-4, calcium-activated non-selective cation channel 1, TRPM4, TRPM4B, FLJ20041
Host	Sheep
Purity	Whole serum
Clonality	Polyclonal
Isotype	Polyclonal, whole serum
Applications	IHC, WB. A dilution of 1 : 300 to 1 : 2000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Specificity	Specific for TRPM4.
Spcs X-react.	Human. Other species not yet tested.
Format	Lyophilised
Reconstitution	Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date	12 months after reconstitution
Shipping	This item will be shipped to you at ambient temperature in a lyophilised form.
Limitation	For research use only



A cell cytospin of human lung cancer cell line A549 was fixed with cold acetone for 90 seconds and air-dried. Cells were incubated with the blocking buffer (PBS containing 5% FCS) for 30 minutes at room temperature. Cells were then washed once in PBS and incubated with primary antibody, diluted 1:100 in the blocking buffer, for 30 minutes. Slides were washed 3X in PBS and incubated with Goat anti-sheep conjugated to Alexa-488, diluted 1:200 in blocking buffer, for 30 minutes at room temperature in the dark. Slides were washed as above and mounting media (10% Glycerol in PBS) containing Hoechst 33258 1 µg/ml was used for nuclear counterstaining. Fluorescent cell staining were analysed using a Olympus microscope and the analysis LS Research software.