

For Research Use Only

MSX2 Monoclonal antibody

Catalog Number: 68550-1-Ig



Basic Information

| | | | | | |
|---------------------------|--|---------------------------|----------------|------------------------|------------------------|
| Catalog Number: | 68550-1-Ig | GenBank Accession Number: | BC015509 | Purification Method: | Protein G purification |
| Size: | 150ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): | 4488 | CloneNo.: | 1B1G3 |
| Source: | Mouse | UNIPROT ID: | P35548 | Recommended Dilutions: | WB: 1:2000-1:10000 |
| Isotype: | IgG1 | Full Name: | msh homeobox 2 | | |
| Immunogen Catalog Number: | AG33220 | Calculated MW: | 29 kDa | | |
| | | Observed MW: | 28-35 kDa | | |

Applications

| | | | |
|----------------------|-----------|--------------------|--|
| Tested Applications: | WB, ELISA | Positive Controls: | WB : HT-1376 cells, SW 1990 cells, Saos-2 cells, HEK-293 cells, Caco-2 cells |
| Species Specificity: | human | | |

Background Information

MSX2 (Msh Homeobox 2) is a transcription factor belonging to the MSX homeobox gene family, which plays crucial roles in embryonic development, cell differentiation, and tissue homeostasis. The apparent molecular weight is larger than the calculated molecular weight of 29 kDa, which is likely due to posttranslational modification.

Storage

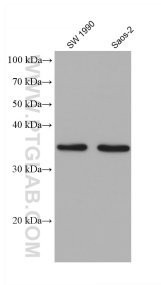
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

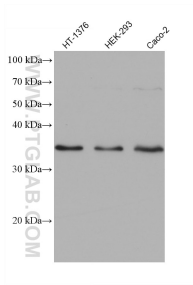
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68550-1-Ig (MSX2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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