

Product datasheet for **TA505808S**

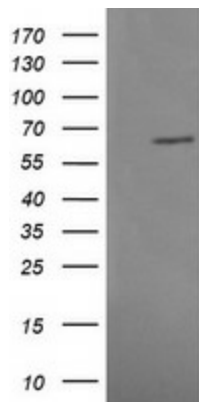
MAPK4 Mouse Monoclonal Antibody [Clone ID: OTI2D7]

Product data:

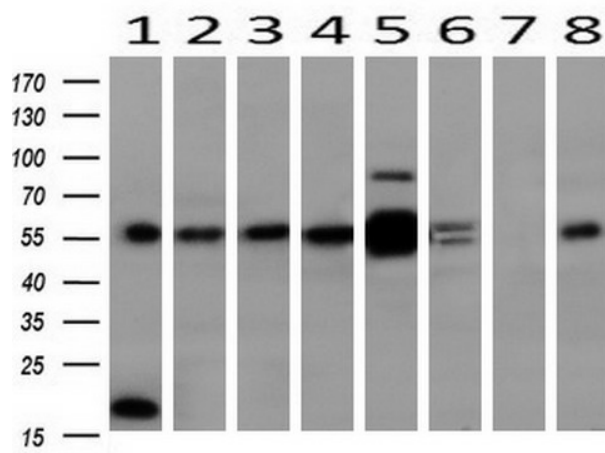
| | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2D7 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB 1:4000, IHC 1:150, IF 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human MAPK4(NP_002738) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 65.7 kDa |
| Gene Name: | mitogen-activated protein kinase 4 |
| Database Link: | NP_002738 Entrez Gene 54268 Rat Entrez Gene 225724 Mouse Entrez Gene 5596 Human P31152 |
| Synonyms: | ERK-4; ERK4; p63-MAPK; p63MAPK; PRKM4 |
| Protein Families: | Druggable Genome, Protein Kinase |



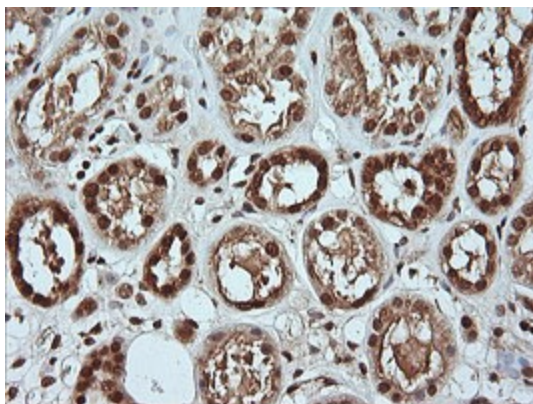
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Product images:


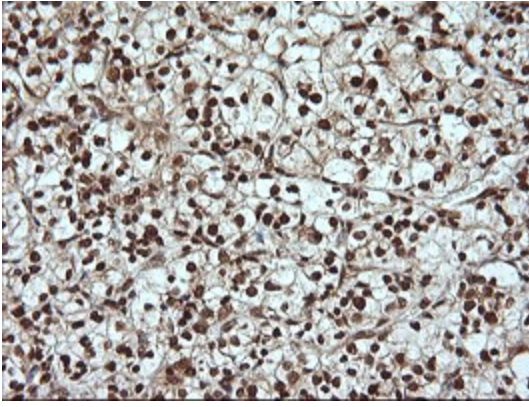
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MAPK4 (Cat# [RC207414], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MAPK4(Cat# [TA505808]). Positive lysates [LY419131] (100ug) and [LC419131] (20ug) can be purchased separately from OriGene.



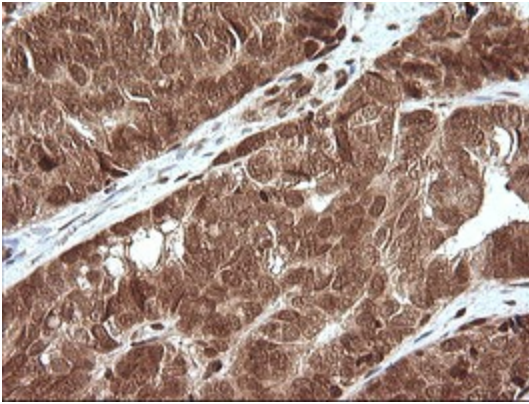
Western blot analysis of extracts (10ug) from 8 Human tissue by using anti-MAPK4 monoclonal antibody at 1:200 (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: Colon).



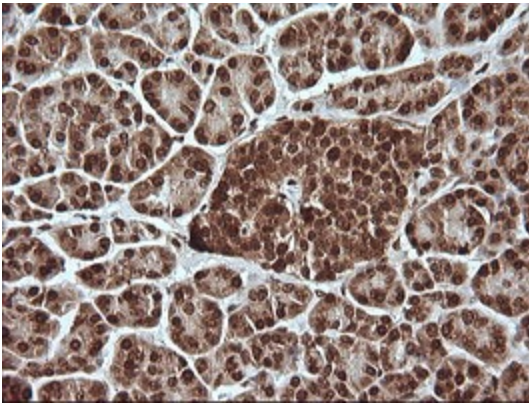
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



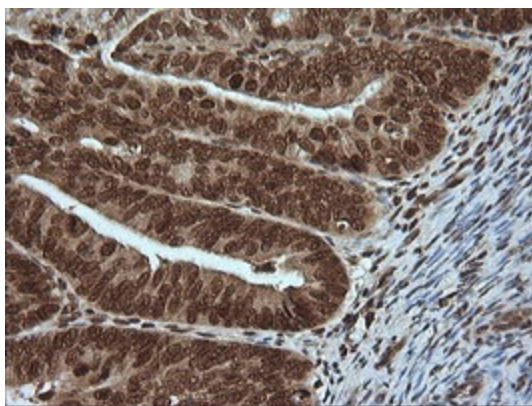
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



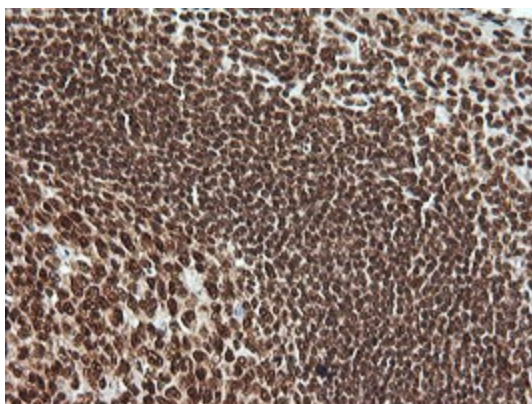
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



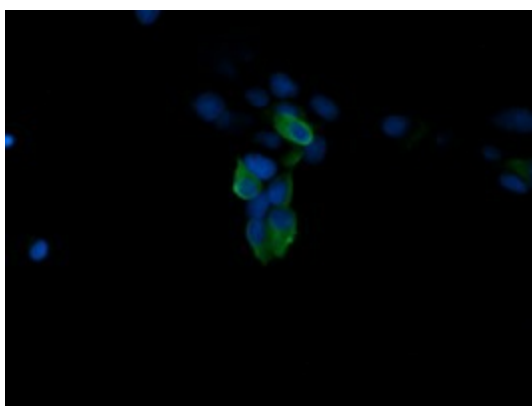
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-MAPK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA505808])



Anti-MAPK4 mouse monoclonal antibody ([TA505808]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MAPK4 ([RC207414]).