

Product datasheet for TA501060

PIM2 Mouse Monoclonal Antibody [Clone ID: OTI8G10]

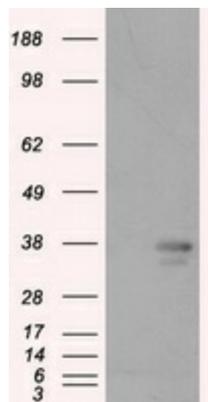
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI8G10 |
| Applications: | IF, IHC, IP, WB |
| Recommend Dilution: | WB 1:2000, IHC 1:50, IF 1:100, IP: 4ug/mL |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human PIM2 (NP_006866) produced in HEK293T cell. |
| Formulation: | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.81 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Predicted Protein Size: | 34.2 kDa |
| Gene Name: | Pim-2 proto-oncogene, serine/threonine kinase |
| Database Link: | NP_006866 Entrez Gene 11040 Human |
| Background: | This gene encodes a protooncogene that acts as a serine/threonine protein kinase. Studies determined the encoded protein functions to prevent apoptosis and to promote cell survival. |
| Protein Families: | Druggable Genome, Protein Kinase |
| Protein Pathways: | Acute myeloid leukemia |

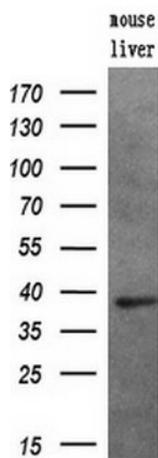


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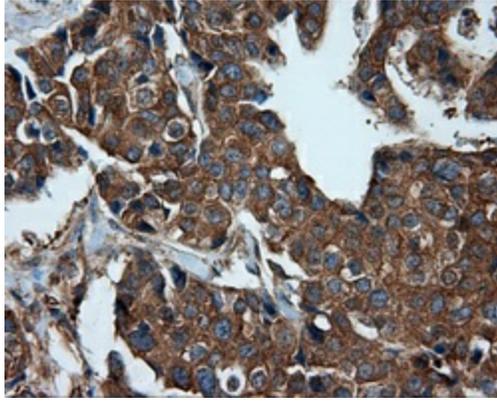
Product images:



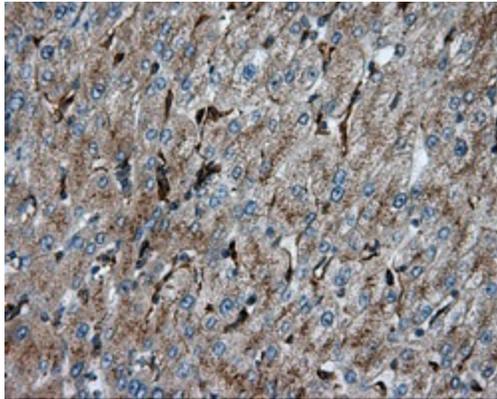
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIM2 ([RC201933], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIM2. Positive lysates [LY416355] (100ug) and [LC416355] (20ug) can be purchased separately from OriGene.



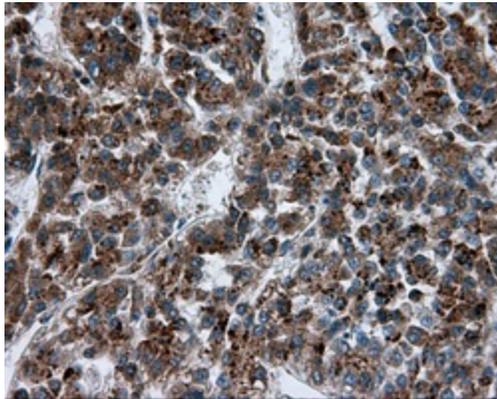
Western blot analysis of extracts (10ug) from a mouse tissue by using anti-PIM2 monoclonal antibody (1:200).



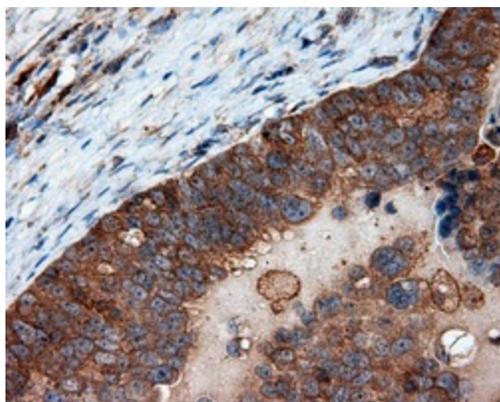
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



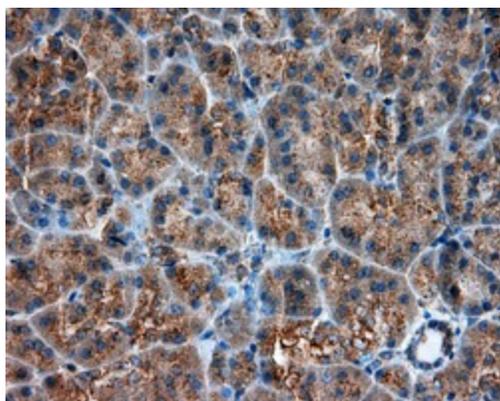
Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



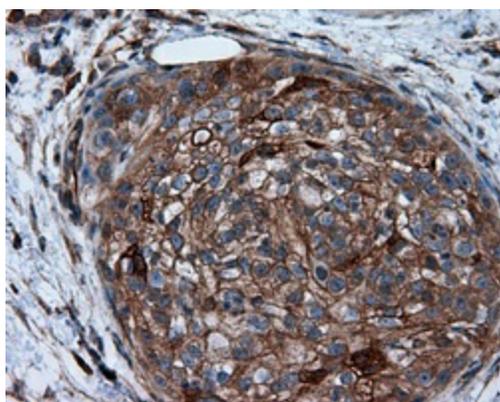
Immunohistochemical staining of paraffin-embedded Carcinoma of liver tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



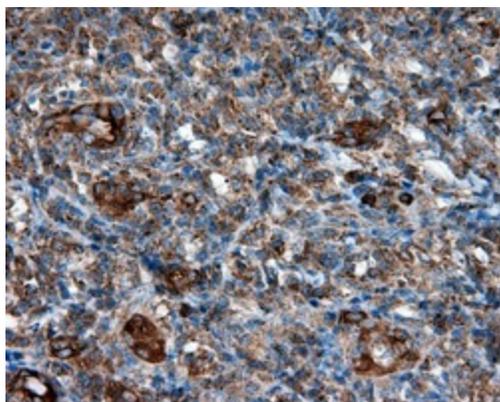
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



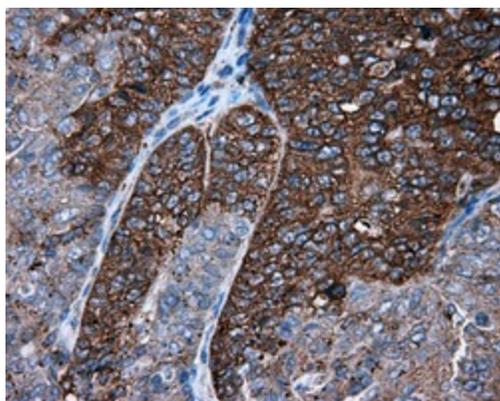
Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



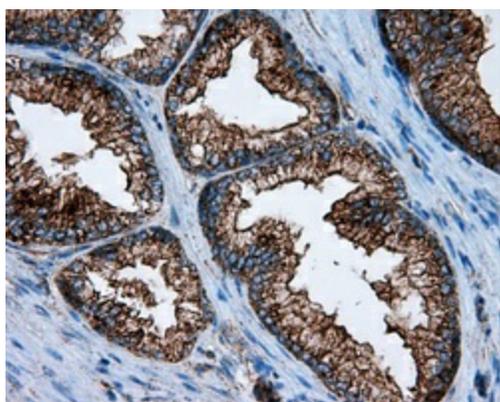
Immunohistochemical staining of paraffin-embedded Carcinoma of pancreas tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



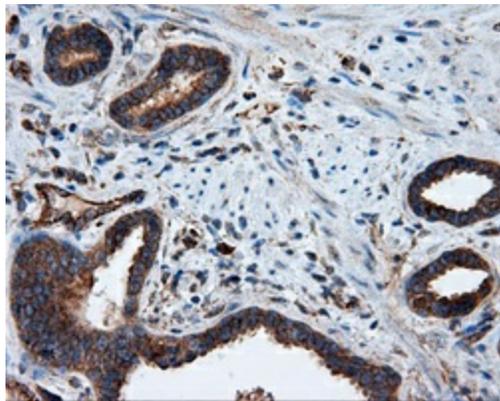
Immunohistochemical staining of paraffin-embedded Carcinoma of thyroid tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



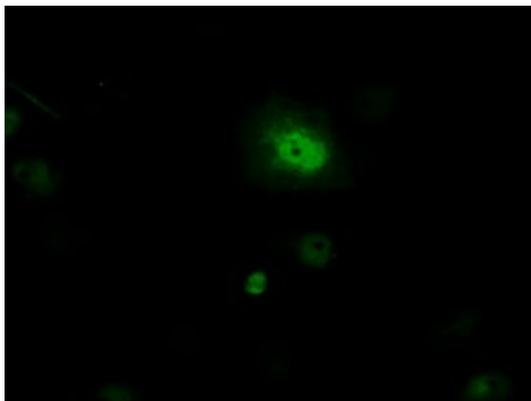
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of endometrium tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



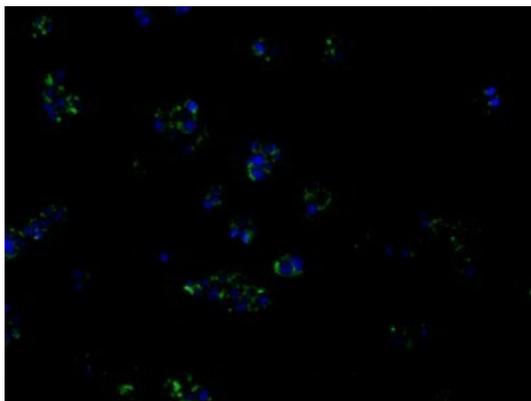
Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



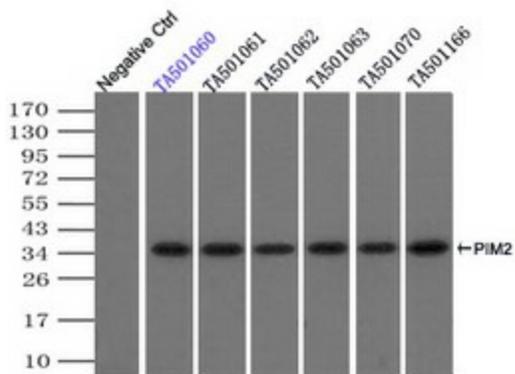
Immunohistochemical staining of paraffin-embedded Carcinoma of prostate tissue using anti-PIM2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501060, Dilution 1:50)



Anti-PIM2 mouse monoclonal antibody (TA501060) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PIM2 ([RC201933]).



Immunofluorescent staining of HepG2 cells using anti-PIM2 mouse monoclonal antibody (TA501060).



Immunoprecipitation (IP) of PIM2 by using TrueMab monoclonal anti-PIM2 antibodies (Negative control: IP without adding anti-PIM2 antibody.). For each experiment, 500ul of DDK tagged PIM2 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of