

Product datasheet for **TA500561BM**

Protein kinase Y linked (PRKY) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2E9]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2E9 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB 1:1000 IHC 1:50 IF 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full-length protein expressed in 293T cell transfected with human PRKY expression vector |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 31.7 kDa |
| Gene Name: | protein kinase Y-linked (pseudogene) |
| Database Link: | NP_002751 Entrez Gene 5616 Human O43930 |

Background: This gene is similar to the protein kinase, X-linked gene in the pseudoautosomal region of the X chromosome. The gene is classified as a transcribed pseudogene because it has lost a coding exon that results in all transcripts being candidates for nonsense-mediated decay (NMD) and unlikely to express a protein. Abnormal recombination between this gene and a related gene on chromosome X is a frequent cause of XX males and XY females.

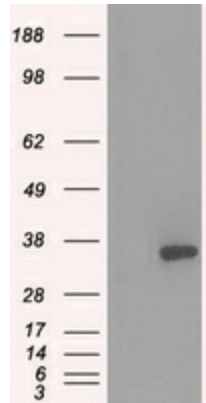


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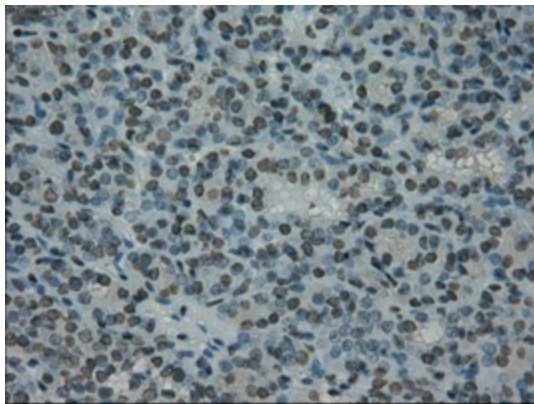
Synonyms: OTTHUMP00000033227; protein kinase, Y-linked

Protein Families: Druggable Genome, Protein Kinase

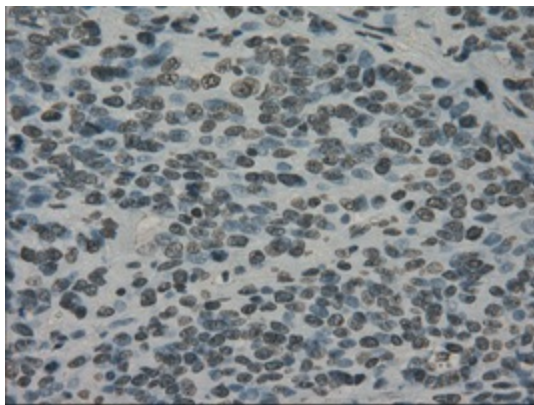
Product images:



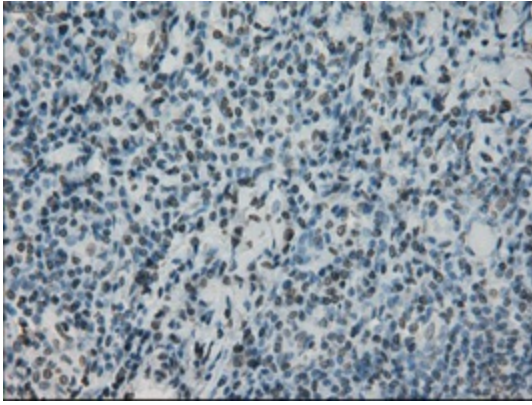
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRKY [RC210438], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRKY. Positive lysates [LY400977] (100ug) and [LC400977] (20ug) can be purchased separately from OriGene.



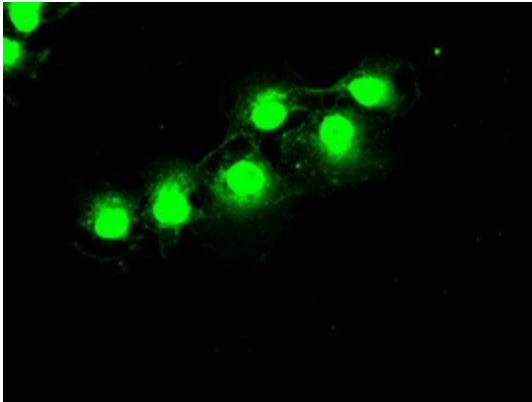
Immunohistochemical staining of paraffin-embedded Carcinoma of thyroid tissue using anti-PRKymouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500561], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Carcinoma of bladder tissue using anti-PRKymouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500561], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded lymphoma tissue using anti-PRKY mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500561], Dilution 1:50)



Anti-PRKY mouse monoclonal antibody ([TA500561]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PRKY ([RC210438]).