HRPT2; CDC73
Monoclonal ANTIBODY

Catalog Number: 66490-1-Ig

Basic Information

Catalog Number: 66490-1-Ig
Size: 150 μg/150 μl
Source: Mouse
Isotype: IgG2a
Purification Method: Protein A purification
Immunogen Catalog Number: AG2959

GenBank Accession Number: BC014351
GeneID (NCBI): 79577
Full Name: cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)
Calculated MW: 531aa, 61 kDa
Observed MW: 61 kDa

Recommended Dilutions:
WB: 1:5000-1:20000
IHC: 1:200-1:800

Applications

Tested Applications: IHC, WB, ELISA
Cited Applications: IHC
Species Specificity:
Human, Pig, Mouse, Rat

Positive Controls:
WB: HeLa cells; pig brain tissue, mouse brain tissue
IHC: human breast cancer tissue

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naomi Hatabu</td>
<td>30739106</td>
<td>Horm Res Paediatr</td>
<td>IHC</td>
</tr>
</tbody>
</table>

Storage

Storage: Store at -20ºC. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20ºC storage.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (toll free in USA), or (312) 405-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 66490-1-Ig (HRPT2; CDC73 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

WB result of HRPT2; CDC73 antibody (66490-1-Ig; 1:50000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HRPT2; CDC73 transfected HeLa cells.

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 66490-1-Ig (HRPT2; CDC73 antibody) at dilution of 1:400 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 66490-1-Ig (HRPT2; CDC73 antibody) at dilution of 1:400 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer (pH 9).