

Phosphotyrosine monoclonal antibody

Catalog: MB30056

Host: Mouse

Reactivity: All

BackGround:

Phosphotyrosine is a post-translational modification in which a phosphate group is added to the hydroxyl group of tyrosine residues by protein tyrosine kinases. Tyrosine phosphorylation is a critical signaling mechanism controlling cell growth, differentiation, migration and survival, and its dysregulation is implicated in many cancers.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

N/A (post-translational modification; target proteins vary)

Swiss-Prot:

P17535

Purification&Purity:

Affinity chromatography

Applications:

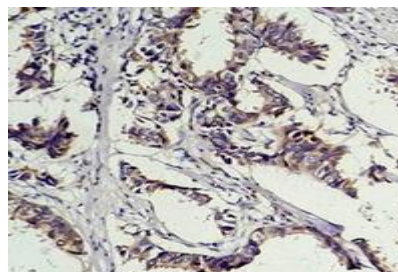
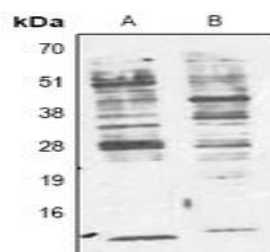
WB (1/1000 - 1/2000), IHC (1/50 - 1/200)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

DATA:



Immunohistochemical analysis of CD105 staining in human placenta formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunohistochemical analysis of CD105 staining in human renal clear cell carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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