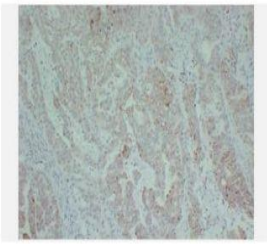
# PRODUCT DATA SHEET

# TGF β Receptor II (ABT-TGFR2) mouse mAb

| | |
|---|---|
| **Catalog No.** | IML0030 |
| **Reactivity** | Human; Mouse |
| **Applications** | IHC-p |
| **Gene Name** | TGFBR2 |
| **Protein Name** | TGF β Receptor II |
| **Human Gene Id** | 7048 |
| **Swiss-Prot** | P37173 |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse:IgG1, Kappa |
| **Dilution** | IHC-p: 1:100-200 |
| **Purification** | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| **Concentration** | - |
| **Storage&Stability** | -20°C:1 year |
| **Background** | This gene encodes a member of the Ser:Thr protein kinase family and the TGFB receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor:ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. |
| **Subcellular Location** | Membranous |
| **BiowMW** | - |

## Products Images:



Immunohistochemical analysis of paraffin-embedded Colon carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Citrate buffer of pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).