PRODUCT DATA SHEET

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

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| **Catalog No.** | IML0031 |
| **Reactivity** | Human |
| **Applications** | IHC-p |
| **Gene Name** | TGFBR2 |
| **Protein Name** | TGF β Receptor II |
| **Human Gene Id** | 7048 |
| **Swiss-Prot** | P37173 |
| **Formulation** | Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse:IgG1, Kappa |
| **Dilution** | Ready to use for IHC-p |
| **Purification** | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| **Concentration** | - |
| **Storage&Stability** | 4°C: 1 years |
| **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: