# Anti-BMPR2 antibody [3F6] (STJ97877)

STJ97877

## GENERAL INFORMATION

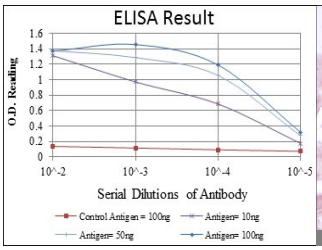
**Product Type** Primary antibodies
**Short Description** Mouse monoclonal antibody anti-Bone Morphogenetic Protein Receptor Type-2 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
**Applications** WB, IHC-P, IF, ICC, ELISA
**Host/Source** Mouse
**Reactivity** Human, Mouse, Rat, Monkey

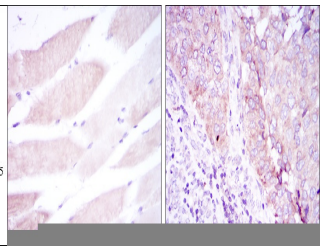
## PRODUCT PROPERTIES

**Clonality** Monoclonal
**Clone ID** 3F6
**Concentration**
**Conjugation** Unconjugated
**Purification** The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
**Dilution Range** WB 1:500-1:2000
IHC 1:200-1:1000
IF 1:200-1:1000
ELISA 1:10000
**Formulation** Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
**Isotype** IgG1
**Storage Instruction** Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

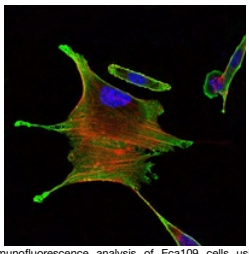
## TARGET INFORMATION

**Gene ID** 659
**Gene Symbol** BMPR2
**Uniprot ID** BMPR2_HUMAN
**Immunogen** Purified recombinant fragment of human BMPR-II expressed in E.coli.
**Immunogen Region**
**Specificity** BMPR2 monoclonal antibody (Bone Morphogenetic Protein Receptor Type-2) binds to endogenous Bone Morphogenetic Protein Receptor Type-2.
**Immunogen Sequence**

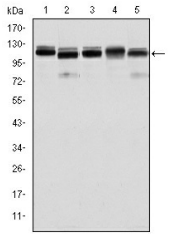


Immunohistochemistry analysis of paraffin-embedded muscle tissues (left) and kidney cancer tissues (right) with DAB staining using BMPR-II monoclonal antibody.



Immunofluorescence analysis of Eca109 cells using BMPR-II monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.




Western blot analysis using BMPR-II monoclonal antibody against HeLa (1) , A431 (2) , NIH/3T3 (3) , Cos7 (4) and PC-12 (5) cell lysate.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