



Smo Monoclonal Antibody

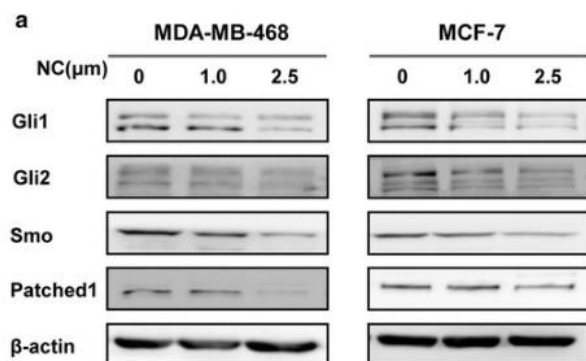
Catalog No	YP-mAb-13674
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SMO
Protein Name	Smoothened homolog
Immunogen	The antiserum was produced against synthesized peptide derived from human SMO. AA range:68-117
Specificity	Smo Monoclonal Antibody detects endogenous levels of Smo protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SMO; SMOH; Smoothened homolog; SMO; Protein Gx
Observed Band	86kD
Cell Pathway	Membrane ; Multi-pass membrane protein . Cell projection, cilium .
Tissue Specificity	Brain,Embryonic lung,Synovial membrane,
Function	disease:Defects in SMO are involved in basal cell carcinoma (BCC).,function:G protein-coupled receptor that probably associates with the patched protein (PTCH) to transduce the hedgehog's proteins signal. Binding of sonic hedgehog (SHH) to its receptor patched is thought to prevent normal inhibition by patched of smoothened (SMO).,similarity:Belongs to the G-protein coupled receptor Fz/Smo family.,similarity:Contains 1 FZ (frizzled) domain.,
Background	The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010],
matters needing attention	Avoid repeated freezing and thawing!



Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Smo Monoclonal Antibody