

Anti-SMAD5 Antibody (R3W07)

Summary

Catalog No.	RHJ46102
Clone ID	R3W07
Host species	Mouse
Tested applications	FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Species reactivity	Human, Rat
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
Concentration	1 mg/ml
Purity	>95% as determined by SDS-PAGE.
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM, IF, IHC, WB
Target	SMAD 5, Mothers against decapentaplegic homolog 5, SMAD5, Mothers against DPP homolog 5, Smad5, SMAD family member 5, MAD homolog 5, JV5-1, MADH5, hSmad5
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	Q99717

Stability and Storage

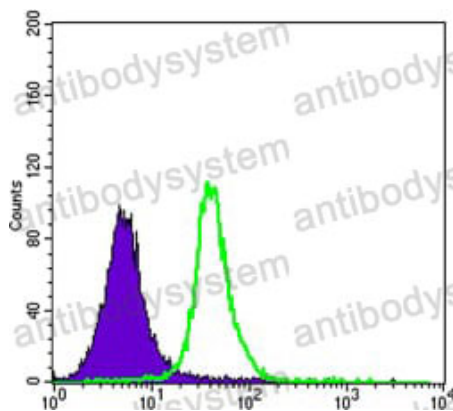
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

Note

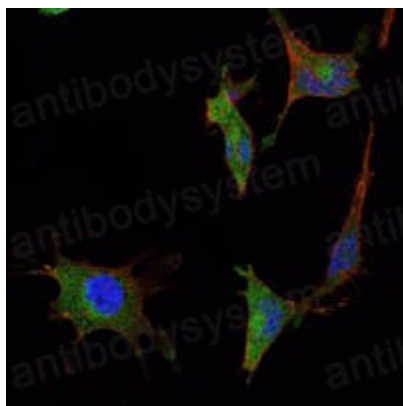
For research use only.

Data Image



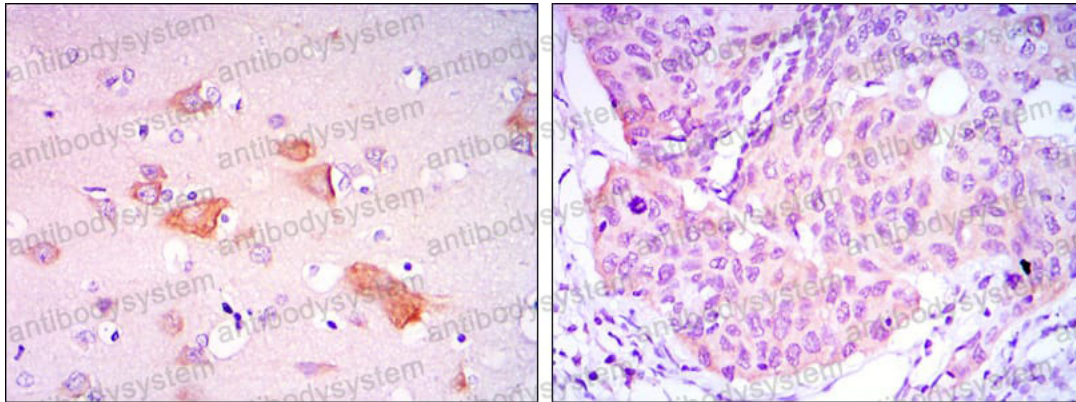
Flow Cytometry

Flow cytometric analysis of Jurkat cells using SMAD5 mouse mAb (green) and negative control (purple).



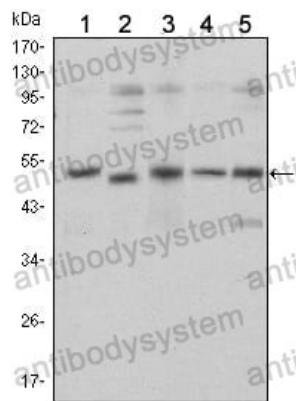
Immunofluorescence

Immunofluorescence analysis of NTERA-2 cells using SMAD5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical analysis of paraffin-embedded human brain tissues (left) and lung cancer tissues (right) using SMAD5 mouse mAb with DAB staining.

Immunohistochemical



Western blot analysis using SMAD5 mouse mAb against Hela (1), SK-N-SH (2), PC-12 (3), Jurkat (4), and K562 (5) cell lysate.

Western blot