

## ARG57186 anti-Phosphothreonine antibody [RM102]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Monoclonal antibody [RM102] recognizes Phosphothreonine
Tested Reactivity	Other
Tested Application	ICC/IF, IP, WB
Specificity	This antibody reacts to threonine-phosphorylated proteins. No cross reactivity with nonphosphorylated threonine, phosphoserine, and phosphotyrosine. It shows slight cross-reactivity with a few phospho-serine-containing peptides.
Host	Rabbit
Clonality	Monoclonal
Clone	RM102
Isotype	IgG
Target Name	Phosphothreonine
Species	Others
Immunogen	Mixture of phosphothreonine-BSA conjugate and a phosphothreonine containing peptide.
Conjugation	Un-conjugated

### Application Instructions

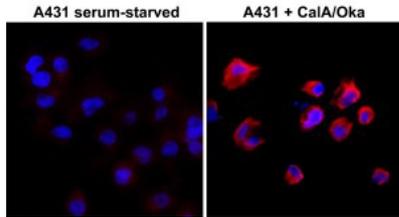
Application table	Application	Dilution
	ICC/IF	1:100 - 1:500
	IP	1:100 - 1:500
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.09% Sodium azide, 50% Glycerol and 1% BSA.
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol and 1% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

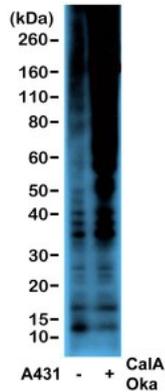
Images

ARG57186 anti-Phosphothreonine antibody [RM102] ICC/IF image



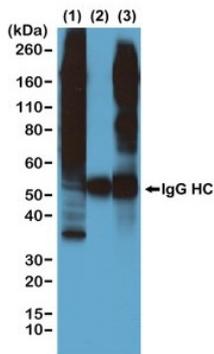
Immunofluorescence: Serum-starved A431 cells nontreated or treated with Calyculin A/Okadaic Acid, stained with ARG57186 anti-Phosphothreonine antibody [RM102] at 1:500 dilution (followed by PE-conjugated secondary antibody, red) and DAPI (blue).

ARG57186 anti-Phosphothreonine antibody [RM102] WB image



Western blot: serum-starved A431 cells non-treated or treated with Calyculin A / Okadaic Acid, stained with ARG57186 anti-Phosphothreonine antibody [RM102] at 1:2000 dilution.

ARG57186 anti-Phosphothreonine antibody [RM102] IP image



Immunoprecipitation: Calyculin A / Okadaic Acid treated A431 cells by ARG57186 anti-Phosphothreonine antibody [RM102] at 1:500 dilution, and then blotted with the same antibody. 1) Whole cell lysate control, 2) IP by Rabbit IgG control, and 3) IP by ARG57186 anti-Phosphothreonine antibody [RM102].

### ARG57186 anti-Phosphothreonine antibody [RM102] Specificity test image

ARG57186 anti-Phosphothreonine antibody [RM102] recognizes Phosphorylated threonine in peptides with different sequences. It has minimal cross-reactivity with phosphorylated serine.

