p70 S6 Kinase(Phospho-Ser411) Antibody

Catalog No: #11269

Package Size: #11269-1 50ul #11269-2 100ul #11269-4 25ul

Overview

Product Name	p70 S6 Kinase(Phospho-Ser411) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	p70 S6 Kinase
Modification	Phospho-Ser411
Alternative Names	KS6B1; P70-S6K; RPS6KB1; S6K;

Application Details

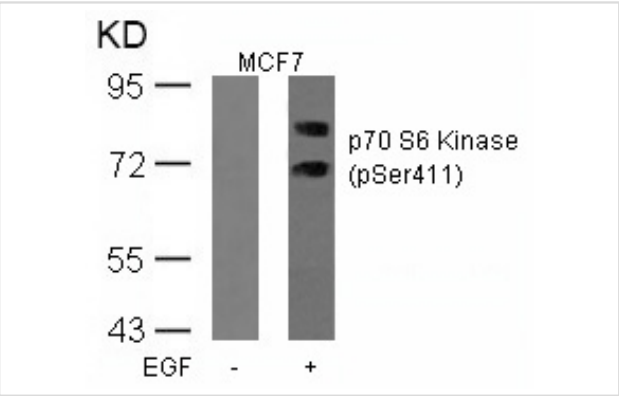
Predicted MW: 70 85 kd

Western blotting: 1:500~1:1000

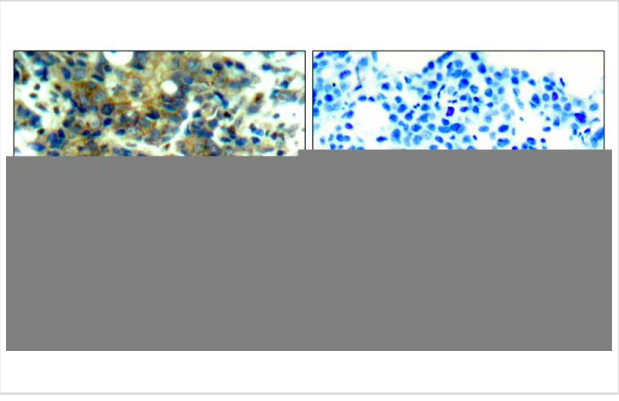
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

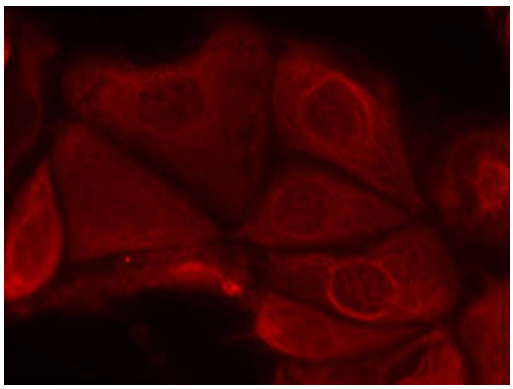
Images



Western blot analysis of extracts from MCF cells untreated or treated with EGF using p70 S6 Kinase(Phospho-Ser411) Antibody #11269.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase(Phospho-Ser411) Antibody #11269(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using p70 S6 Kinase(Phospho-Ser411) Antibody #11269.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 411 (I-R-S(p)-P-R) derived from Human p70 S6 Kinase.
Specificity	The antibody detects endogenous level of p70 S6 Kinase only when phosphorylated at serine 411.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P23443NCBI Protein: NP_003152.1

Related Information

Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens. Promotes protein synthesis by phosphorylating PDCD4 at 'Ser-67' and targeting it for degradation.

Satoru Eguchi et al. (1999) J Biol Chem, Vol. 274: 36843-36851
Papst PJ, et al. (1998) J Biol Chem. 273(24):15077-84.
Ulrike Krause et al. (2002) Eur. J. Biochem. 269: 3751-3759 c
Le, X.F, et al. (2003) Oncogene 22: 484

Note: This product is for in vitro research use only and is not intended for use in humans or animals.