Product Datasheet

Rel(Phospho-Ser503) Antibody

Catalog No: #11020

Package Size: #11020-1 50ul #11020-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

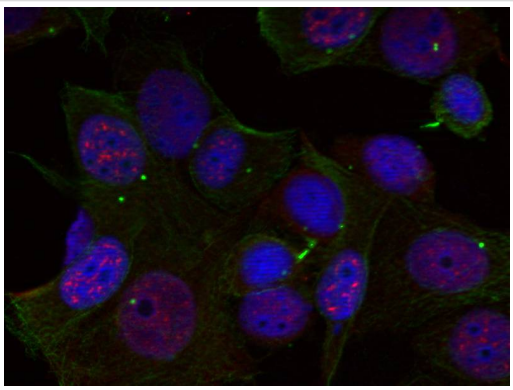
Product Name	Rel(Phospho-Ser503) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Rel only when phosphorylated at serine 503.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 503 (T-S-S(p)-D-S) derived from Human Rel.
Target Name	Rel
Modification	Phospho
Other Names	C-Rel
Accession No.	Swiss-Prot: Q04864NCBI Protein: NP_002899.1
Uniprot	Q04864
GeneID	5966;
Concentration	1.0mg/ml
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.

Application Details

Predicted MW: 78kd

Immunofluorescence: 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed Hela cells using Rel(Phospho-Ser503) Antibody #11020.

Background

The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFKB family, which also includes RELA (MIM 164014), RELB (604758), NFKB1 (MIM 164011), and NFKB2 (MIM 164012). These proteins are related through a highly conserved N-terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFKB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 (PubMed 18037997)).

Baeuerle, P.A. and Henkel, T. (1994) Annu Rev Immunol 12, 141-79.

Baeuerle, P.A. and Baltimore, D. (1996) Cell 87, 13-20.

Haskill, S. et al. (1991) Cell 65, 1281-9.

Thompson, J.E. et al. (1995) Cell 80, 573-82.

Note: This product is for in vitro research use only