Product Name: **c-Rel Mouse Monoclonal Antibody**
Catalog #: **AMM80998**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	68.5kDa

Antigen Information

Gene Name	c-Rel
Alternative Names	Rel; c-Rel
Gene ID	5966.0
SwissProt ID	Q04864
Immunogen	Purified recombinant fragment of human c-Rel expressed in E. Coli.

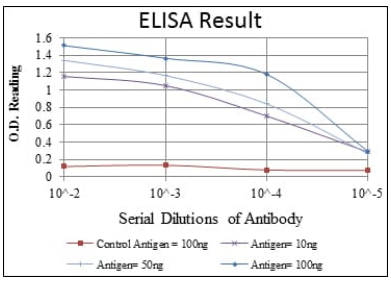
Background

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,

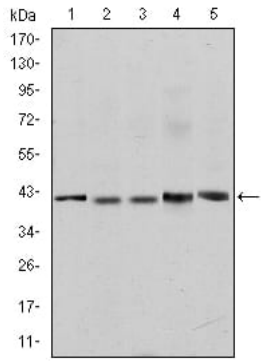
and binding to the NFKB inhibitor.

Research Area

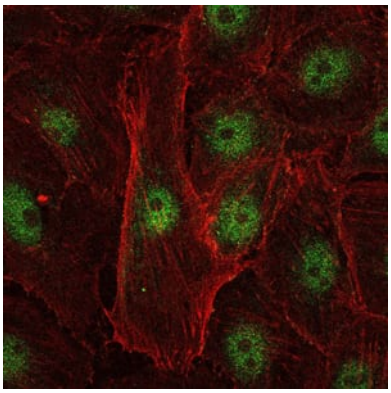
Image Data



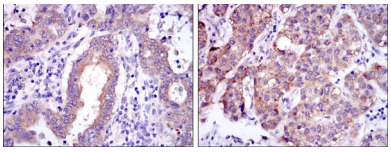
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using c-Rel mouse mAb against Jurkat (1), NIH/3T3 (2), Hela (3), HEK293 (4) and RAJI (5) cell lysate.



Immunofluorescence analysis of U251 cells using c-Rel 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 endometrial cancer tissues (left) and liver cancer tissues (right) using c-Rel mouse mAb with DAB staining.