BT LAB
Bioassay Technology Laboratory
Optimize Your Research

c-Rel Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3594
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human c-Rel expressed in E. Coli.
Mol wt	68.5kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB,IHC,ICC
Concentration	N/A
Full name	N/A
Synonyms	Rel;c-Rel

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

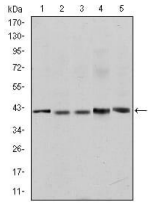
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

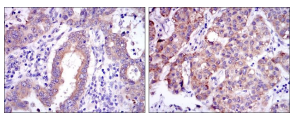
ELISA: 1:10000

Not yet tested in other applications.

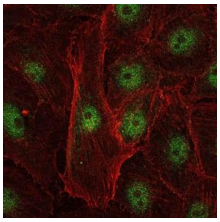
Images



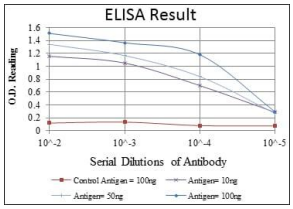
Western blot analysis using c-Rel mouse mAb against Jurkat (1), NIH/3T3 (2), Hela (3), HEK293 (4) and RAJI (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues (left) and liver cancer tissues (right) using c-Rel mouse mAb with DAB staining.



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.



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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