BT LAB
Bioassay Technology Laboratory
Optimize Your Research

c-Rel Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0243
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human c-Rel expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Proto-oncogene c-Rel
Synonyms	REL; Proto-oncogene c-Rel

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

Background

This gene encodes a protein that belongs to the Rel homology domain/immunoglobulin-like fold, plexin, transcription factor (RHD/IPT) family. Members of this family regulate genes involved in apoptosis, inflammation, the immune response, and oncogenic processes. This proto-oncogene plays a role in the survival and proliferation of B lymphocytes. Mutation or amplification of this gene is associated with B-cell lymphomas, including Hodgkin's lymphoma. Single nucleotide polymorphisms in this gene are associated with susceptibility to ulcerative colitis and rheumatoid arthritis. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

ELISA: 1:10000

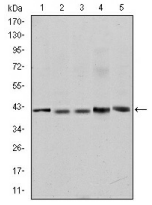
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

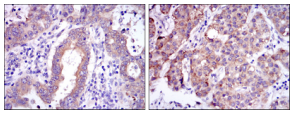
WB: 1:500 - 1:2000

Not yet tested in other applications.

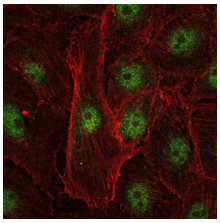
Images



Western Blot analysis using c-Rel Monoclonal antibody against Jurkat (1) NIH/3T3 (2) HeLa (3) HEK293 (4) and RAJI (5) cell lysate.



Immunohistochemistry analysis of paraffin-embedded endometrial cancer tissues (left) and liver cancer tissues (right) with DAB staining using c-Rel Monoclonal antibody.



Immunofluorescence analysis of U251 cells using c-Rel Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Storage

-20°C for one year

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