

Datasheet for ABIN4906804

anti-c-Rel antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	c-Rel
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This c-Rel antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This REL monoclonal antibody is generated from mouse immunized with REL recombinant protein.
Clone:	8C2
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	c-Rel
Alternative Name:	C-rel (c-Rel Products)
Background:	Synonyms: C-Rel, Proto-oncogene c-Rel, REL

Target Details

Background: Proto-oncogene that may play a role in differentiation and lymphopoiesis. NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. The NF-kappa-B heterodimer RELA/p65-c-Rel is a transcriptional activator.

Gene ID: 5966

UniProt: [Q04864](#)

Application Details

Application Notes: WB 1:300-5000
IF()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

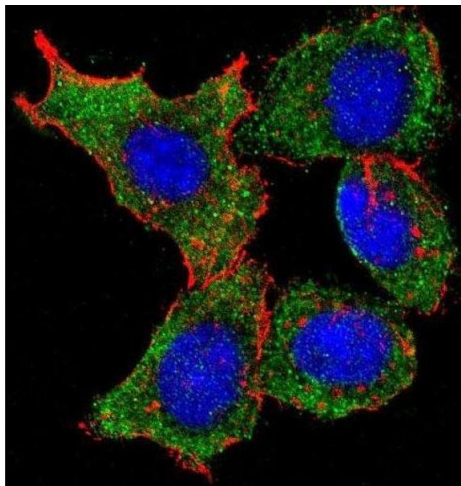
Storage: -20 °C

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months

Images



Immunofluorescence (Cultured Cells)

Image 1. HeLa cells probed with C-rel (318CT41.3.2) Monoclonal Antibody (bsm-51087M) followed by secondary antibody staining (green), Actin (red), and DAPI nuclear staining (blue).