OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA420176

RELB Mouse Monoclonal Antibody [Clone ID: 17.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	17.3
Applications:	IC, IF, IHC, IP, WB
Reactivity:	Mouse, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein derived from C-terminal region of human RelB protein
Specificity:	RelB
Formulation:	Phosphate buffered saline containing 0.1% Sodium Azide (NaN3) **Label**: Purified **State**: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	RELB proto-oncogene, NF-kB subunit
Database Link:	Q01201

Background: Mouse anti-RelB antibody, clone 17.3 recognizes the transcription factor RelB, also known as I-Rel. RelB is encoded by the v-rel avian reticuloendotheliosis viral oncogene homolog B gene and is a critical component of the NF-kappa-B pathway.Upon cleavage of the NF-kappa-B p105 and p100 subunits into the NF-kappa-B p50 and p52 subunits, RelB forms RelB-p50 and RelB-p52 heterodimers. These dimers act as activators of transcription by binding to kappaB sites present on DNA (Oeckinghaus and Ghosh 2009). RelB-p50 and RelB-p52 binding induces the expression of genes mediating immune responses, inflammation and apoptosis (Jing and Lee 2014).Misregulation of the NF-kappa-B pathway has been implicated in a variety of disease states including autoimmunity and cancer. As the NF-kappa-B pathway has been demonstrated to be constitutively active in a large group of tumors, developing NF-kappa-B inhibitors has emerged as a new cancer therapy approach (Chaturverdi et al. 2011 and Baud and Karin et al. 2009).

Synonyms: IREL,I-Rel