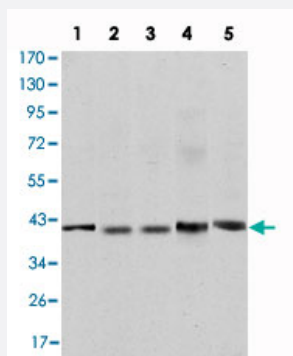


REL monoclonal antibody, clone 1E7

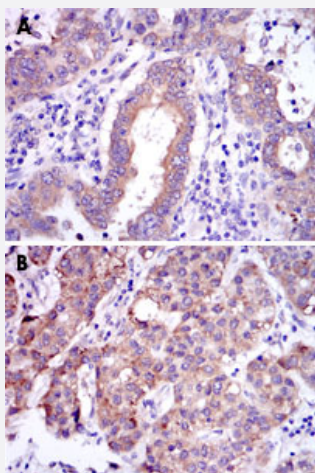
Catalog # MAB10516 Size 100 uL

Applications



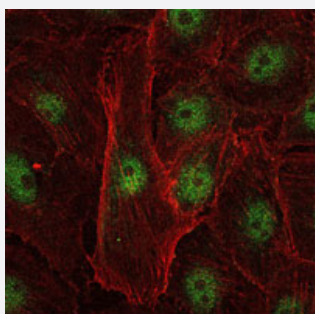
Western Blot (Cell lysate)

Western blot analysis using REL monoclonal antibody, clone 1E7 (Cat # MAB10516) against Jurkat (1), NIH/3T3 (2), HeLa (3), HEK293 (4) and Raji (5) cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues (A) and liver cancer tissues (B) using REL monoclonal antibody, clone 1E7 (Cat # MAB10516) with DAB staining.

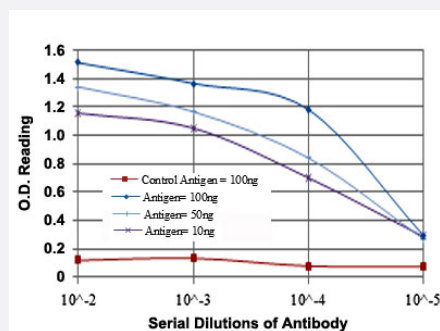


Immunofluorescence

Immunofluorescence analysis of U251 cells using REL monoclonal antibody, clone 1E7 (Cat # MAB10516) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Enzyme-linked Immunoabsorbent Assay

ELISA detection with REL monoclonal antibody, clone 1E7 (Cat # MAB10516).



Specification

Product Description Mouse monoclonal antibody raised against partial recombinant REL.

Immunogen Recombinant protein corresponding to human REL.

Host Mouse

Theoretical MW (kDa) 78

Reactivity Human, Mouse

Form Liquid

Isotype IgG1

Recommend Usage
 ELISA (1:10000)
 Western Blot (1:500-1:2000)
 Immunohistochemistry (1:200-1:1000)
 Immunofluorescence (1:200-1:1000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction
 Store at 4°C. For long term storage store at -20°C.
 Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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ELISA detection with REL monoclonal antibody, clone 1E7 (Cat # MAB10516).

Gene Info — REL

Entrez GeneID [5966](#)

Gene Name REL

Gene Alias C-Rel

Gene Description v-rel reticuloendotheliosis viral oncogene homolog (avian)

Omim ID [164910](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (MIM 164008) (Belguise and Sonenshein, 2007 [PubMed 18037997]).[supplied by OMIM]

Other Designations C-Rel proto-oncogene protein|oncogene REL, avian reticuloendotheliosis|v-rel avian reticuloendotheliosis viral oncogene homolog|v-rel reticuloendotheliosis viral oncogene homolog

Disease

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- [Cardiovascular Diseases](#)

- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
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- [Psoriasis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)