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Recombinant NF-kB2 p100/p52 Monoclonal Antibody

catalog number: AN301826L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human NF-kB2 p100/p52 fragment

Host Rabbit Isotype lgG, κ Clone A538

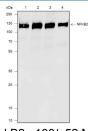
Purification Protein Apurified

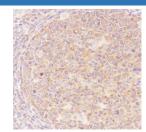
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:1000-1:5000 **WB** 1:50-1:100 **IHC** IF 1:50

Data

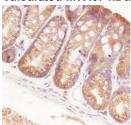


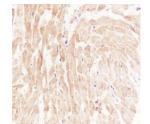


dilution of 1:5000. Lane 1: Jurkat, Lane 2: Raji, Lane 3:

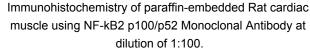
Western Blot with NF-kB2 p100/p52 Monoclonal Antibody at Immunohistochemistry of paraffin-embedded Human tonsil using NF-kB2 p100/p52 Monoclonal Antibody at dilution of 1:100.

NIH/3T3, Lane 4: C6 Observed-MW:120 kDa Calculated-MW:97 kDa

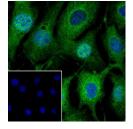




Immunohistochemistry of paraffin-embedded Mouse colon using NF-kB2 p100/p52 Monoclonal Antibody at dilution of



Rev. V1.1



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Immunofluorescent analysis of (4% Paraformaldehyde) fixed NIH/3T3 cells using anti-NF-kB2 p100/p52 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. In a non-canonical activation pathway, the MAP3K14-activated CHUK/IKKA homodimer phosphorylates NFKB2/p100 associated with ReIB, inducing its proteolytic processing to NFKB2/p52 and the formation of NF-kappa-B ReIB-p52 complexes. NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function.