

Human NFkB1 Antibody

Monoclonal Mouse IgG₁ Clone # 285412 Catalog Number: MAB2697

DESCRIPTION	
Species Reactivity	Human
Specificity	Detect endogenous human NFkB1 in Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 285412
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	E. coli-derived recombinant human NFkB1 Pro317-Asp437 Accession # P19838
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

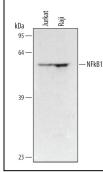
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.5 μg/mL	See Below

DATA

Western Blot



Detection of Human NFκB1 by Western Blot. Western blot shows lysates of Jurkat human acute T cell leukemia cell line and Raji human Burkitt's lymphoma cell line. PVDF membrane was probed with 0.5 μg/ml. of Human/Mouse NFκB1 Monoclonal Antibody (Catalog # MAB2697) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for NFκB1 at approximately 50 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 4.

PREPARATION AND	STORAGE
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Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

ShippingThe product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Nuclear Factor kB1 (NFkB1 or NFkB p50) is a member of the NFkB/Rel family of transcription factors. NFkB1 dimerizes with other members of the NFkB/Rel family to regulate expression of genes that participate in immune, apoptotic, and oncogenic processes.

