

10-6021: Monoclonal Antibody to p105/p50 (Clone: ABM20H5)

Clonality :	Monoclonal
Clone Name :	ABM20H5
Application :	WB
Reactivity :	Human
Gene :	NFKB1
Gene ID :	4790
Uniprot ID :	P19838
Format :	Purified
Alternative Name :	NFKB1
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A partial length recombinant p50 protein (amino acids 1-200) was used as the immunogen for this antibody.

Description

p50 (KBF1, p105, EBP-1, NF-kB1, NFKB-p50, NFkappaB, NF-kappaB, NFKB-p105, NF-kappa-B) family of transcription factors plays important roles in various biological processes including apoptosis, stress response, immunity, and inflammation. Activation of p50 regulates the expression of inflammatory genes crucially involved in the pathogenesis of inflammatory diseases. It governs the expression of adhesion molecules that play a pivotal role in leukocyte-endothelium interactions. p50 activation plays an essential role in the activation of mesangial cells and macrophages through the transcriptional induction of inflammatory mediators of glomerular inflammation and injury.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 Åµg/ml

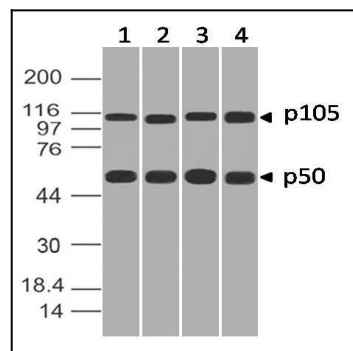


Fig-1: Western blot analysis of p50. Anti-p50 antibody (Clone: ABM20H5) was tested at 1 µg/ml on THP1, Ramos, Jurkat and Raji lysates.