

IKB alpha antibody [6A920]

Cat. No. GTX12134

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, FCM, IP, MS
Reactivity	Human, Mouse, Rat

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1 - 2 µg/ml
ICC/IF	1:20 - 1:1000
IHC-P	1:100
FCM	0.25 - 1 µg / 10 ⁶ cells
IP	1 µg/ml
MS	Assay dependent

Not tested in other applications.

Calculated MW 36 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A recombinant protein corresponding to amino acid residues 32-291 of human IκBa was used as immunogen.
Purification	Protein G purified
Conjugation	Unconjugated

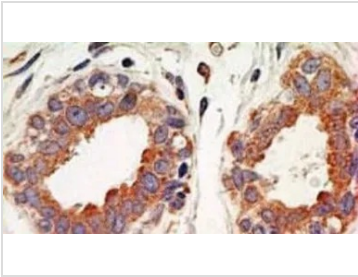


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Note

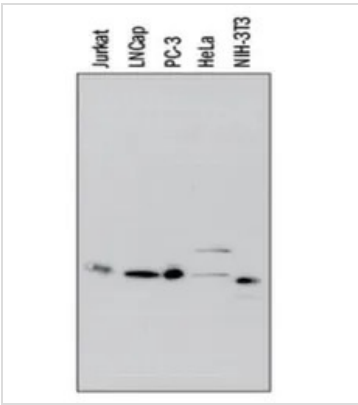
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DATA IMAGES

GTX12134 IHC-P Image

IHC-P analysis of human breast tissue using GTX12134 IKB alpha antibody [6A920].

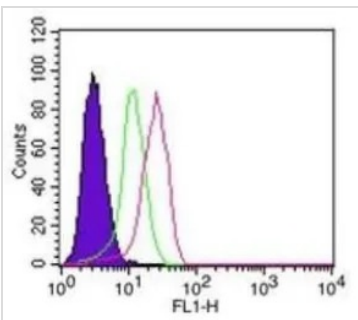
Dilution : 5 µg/ml

Antigen retrieval : 10 mM sodium citrate buffer, pH 6.0


GTX12134 WB Image

WB analysis of Jurkat, LNCaP, PC-3, HeLa, NIH3T3 cell lysates using GTX12134 IKB alpha antibody [6A920].

Dilution : 0.5 µg/ml


GTX12134 FCM Image

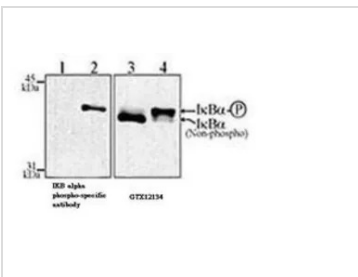
FACS (Intracellular staining) analysis of THP-1 cells using GTX12134 IKB alpha antibody [6A920].

Red : Primary antibody

Green : isotype control

Shaded histogram : cell only

Antibody amount : 0.25µg/10⁶ cells


GTX12134 WB Image

WB analysis of 100 µg/ml ALLN* (N-Acetyl-Leu-Leu-Norleucinal) treated Jurkat cell followed by incubation with (lanes 2 & 4) or without 1 nM TNF-a (1 & 3) using GTX12134 IKB alpha antibody [6A920] and IKB alpha phospho-specific antibody.

*ALLN (N-Acetyl-Leu-Leu-Norleucinal) : Calpain inhibitor and also proteasome inhibitor that prevents IκBα dephosphorylation



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