

IKK epsilon Recombinant Rabbit Monoclonal Antibody (JU06-72)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JU06-72
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human IKBKE aa 26-75
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2810083

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
Flow Cytometry (Flow)	1:50-1:100	-

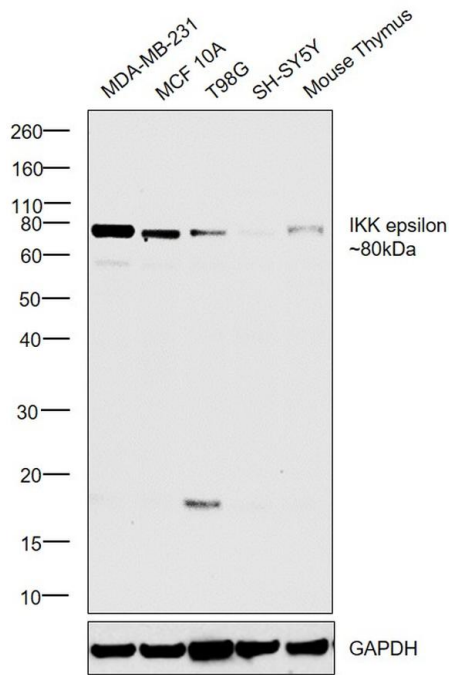
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For IKK epsilon Recombinant Rabbit Monoclonal Antibody (JU06-72)

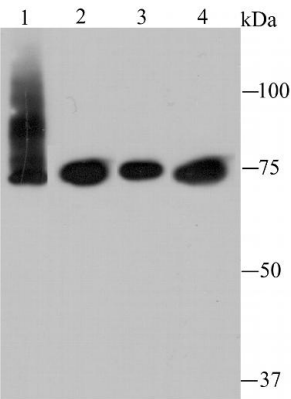
IKK epsilon Antibody (MA5-32807) in WB

Western blot was performed using Anti-IKK epsilon Rabbit Monoclonal Antibody (JU06-72) (Product # MA5-32807) and an 80 kDa band corresponding to IKK epsilon was observed in all cell lines and tissues tested. Expression of IKK epsilon was higher in MDA-MB-231 as compared to MCF 10A [10.1016/j.cell.2007.03.052]. Whole cell extracts (30 µg lysate) of MDA-MB-231 (Lane 1), MCF 10A (Lane 2), T98G (Lane 3), SH-SY5Y (Lane 4) and Mouse Thymus (lane 5) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



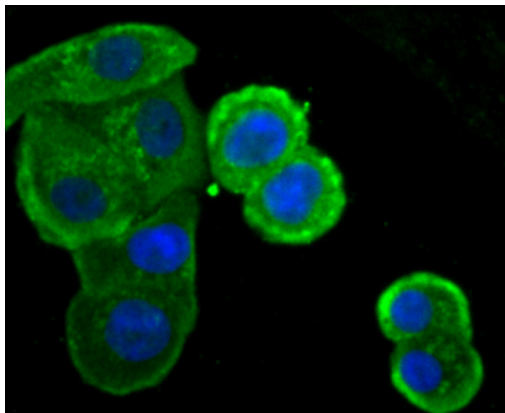
IKK epsilon Antibody (MA5-32807) in WB

Western blot analysis of IKK epsilon in different lysates using a Monoclonal antibody (Product #MA5-32807) at a dilution of 1:500. Positive control: Lane 1: HeLa, Lane 2: Raji, Lane 3: MCF-7, Lane 4: Jurkat.



IKK epsilon Antibody (MA5-32807) in ICC/IF

Immunocytochemical analysis of IKK epsilon in SK-Br-3 cells using a IKK epsilon Monoclonal antibody (Product # MA5-32807) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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