

CK2 beta Monoclonal Antibody (2F12F3)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2F12F3
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human CSNK2B (AA: FULL(1-215)) expressed in E. coli.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
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_2787330

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
Flow Cytometry (Flow)	1:200-1:400	-
ELISA (ELISA)	1:10,000	-

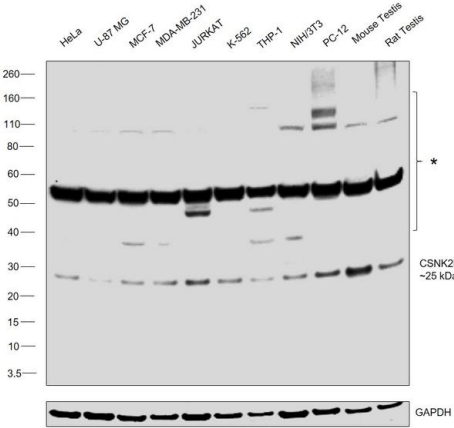
Product Specific Information

MA5-31706 has been tested in indirect ELISA.

Product Images For CK2 beta Monoclonal Antibody (2F12F3)

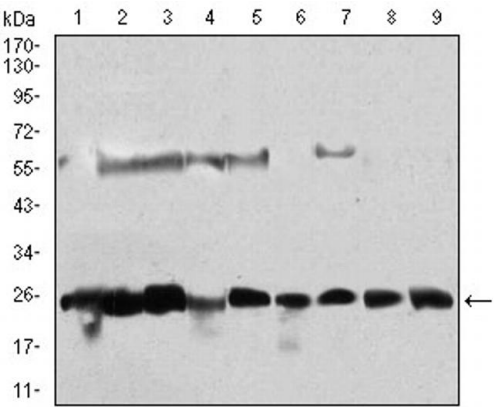
CK2 beta Antibody (MA5-31706) in WB

Western Blot was performed using Anti-CK2 beta Monoclonal Antibody (2F12F3) (Product # MA5-31706) and a ~25 kDa band corresponding to Casein kinase II subunit beta was observed along with few uncharacterised band (*) between ~35 kDa to ~110 kDa; across cell lines and tissues tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), U-87 MG (Lane 2), MCF7 (Lane 3), MDA-MB-231 (Lane 4), Jurkat (Lane 5), K-562 (Lane 6), THP-1 (Lane 7), NIH/3T3 (Lane 8), PC-12 (Lane 9), Mouse Testis (Lane 10) and Rat Testis (Lane 11) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



CK2 beta Antibody (MA5-31706) in WB

Western blot analysis of CK2 beta in HeLa (1), Jurkat (2), K562 (3), HepG2 (4), C6 (5), SK-N-SH (6), NTERA-2 (7), MCF-7 (8), NIH/3T3 (9) cell lysate. Samples were incubated with CK2 beta monoclonal antibody (Product # MA5-31706) using a dilution of 1:500-1:2000.



CK2 beta Antibody (MA5-31706) in ICC/IF

Immunocytochemistry analysis of CK2 beta in MCF-7 cells (green). Sample was incubated with CK2 beta monoclonal antibody (Product # MA5-31706) using a dilution of 1:200-1:1000 followed by DRAQ5 fluorescent DNA dye (blue), and Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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