

Anti-Cyclooxygenase 2 mab 5E10

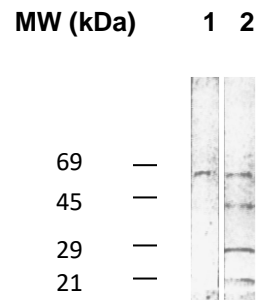
Catalogue number	Package size
847-0102000201	100 µg
847-0102000203	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	5E10/D10
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	COX-2 purified from HL-60 cells
Specificity:	target of NSAID Cyclooxygenase-2
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
Storage:	at -20 °C (repeated thawing and freezing should be avoided)
Applications:	ELISA, Western Blot (see figure below)
Dilution:	1-10 ng/ml in ELISA, 1-2 µg/ml in Western Blot
Reactivity:	Cyclooxygenase 2 from human, mouse, rat

Figure

Recombinant Cox-2 standard (1) was separated by SDS-PAGE under reducing conditions and blotted on nitrocellulose membrane. NC membrane was incubated by 1 µg/ml of mab 5E10. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 5E10 reacted specifically with Cox-2.



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