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Product no **AS21 4678**

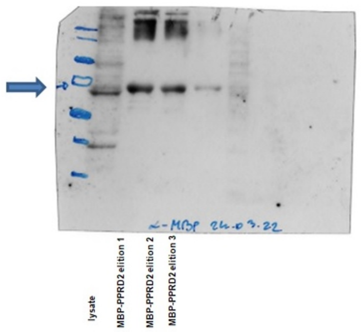
Anti-MBP | Maltose Binding Protein (monoclonal)

Product information

Immunogen	MBP epitope tag recombinant protein
Host	Mouse
Clonality	Monoclonal
Purity	Affinity purified in PBS pH 7.4. Contains 0.02 % sodium azide. Contains 50 % glycerol.
Format	Liquid
Quantity	50 µg
Storage	Store at -20°C for up to 1 year, Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 500 - 1: 5000 (ELISA), (WB)
Confirmed reactivity	MBP maltose binding protein epitope tag
Selected references	To be added when available, antibody released in October 2021.



Insect cell lysate was prepared in buffer: HEPES 20mM, NaCl 150 mM, LMNG-CHS, amylase resin was used for purification, elution was conducted with the same buffer with maltose. 20 µg/well of eluted protein or fresh lysate were denatured at 95°C for 5 min and separated on 10% SDS-PAGE and blotted 1h to nitrocellulose (pore size of 0.45 um), using wet transfer. Blot was blocked with 3% milk for 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1000 in TBS-T ON/4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in Agrisera matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:1 000 in for 1h/RT with agitation. The blot was washed as above and developed for 5 min with AgriseraECLSuperBright. Exposure time was 20-30 seconds.

Courtesy of Natalia Piłka, Laboratory of Lipid Biochemistry, Polish Academy of Sciences, Warsaw, Poland