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Product no AS23 4930

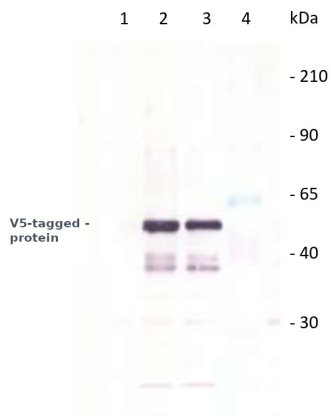
Anti-V5 | V5 epitope tag

Product information

Immunogen	KLH-conjugated peptide derived from GKPIPNPLLGLDST V5 synthetic peptide
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution, add 50 µl, of sterile or deionized water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 5000 - 1: 10 000 (WB)
Expected | apparent MW	Depends upon MW of a fusion partner
Confirmed reactivity	V5-tagged fusion proteins
Selected references	To be added when available, antibody available in February 2026.



Samples:
1 – 10 µg protein from non induced E. coli cells transformed with the expression plasmid
2 – 10 µg protein from IPTG-induced E. coli cells extracted with protease inhibitors (EDTA and PMSF)
3 – 10 µg protein from IPTG-induced E. coli cells extracted without protease inhibitors
4 – MW markers (Sigma C1992)

10 of total protein extracted from IPTG-induced or non induced Escherichia coli cells harvested and stored at -20°C, in 50 mM Tris-HCl buffer, pH 7.5; following centrifugation at 1 500 g, extracts were denatured with the same volume of 2X treatment buffer consisting of 125 mM Tris-HCl, pH 6.8, 4% (w/v) SDS, 20% (v/v) glycerol and 10% (v/v) -mercaptoethanol at 95°C for 10 min. Samples were separated at RT on a discontinuous SDS-PAGE (10% separating gel, 5% stacking gel) and blotted overnight to nitrocellulose (pore size of 0.45 µm), using wet transfer at RT. Blot was blocked with 3% BSA for 1 h at RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 5 000 for 90 min at RT with agitation in TBS-T. The antibody solution was decanted and the blot was rinsed briefly twice, then washed twice for 10 min in TBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG alkaline phosphatase conjugated) diluted to 1: 7 500 in TBS-T for 90 min at RT with agitation. The blot was washed three times as above and equilibrated for 5 min in AP-buffer (0.1 M Tris-HCl, pH 9.5, containing 0.1 M NaCl and 5 mM MgCl2). Bands were developed in a freshly-prepared reaction mixture consisting of 0.3 mg mL-1 nitro blue tetrazolium (NBT) and 0.4 mg mL-1 5-bromo-4-chloro-3-indolyl phosphate (BCIP) in AP-buffer. The reaction was allowed to proceed for 7.5 min, and then blocked with 20 mM EDTA in TBS-T.

Courtesy of Dr. Giuseppe Forlani, University of Ferrara, Italy