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Product no AS21 4603

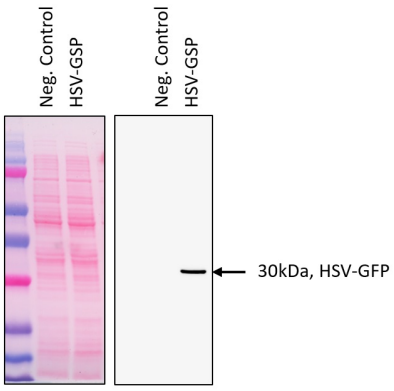
Anti-HSV epitope tag

Product information

Immunogen	KLH-conjugated peptide QPELAPEDPED
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 : 1000 (WB)
Expected | apparent MW	depends upon fusion partner
Confirmed reactivity	HSV-tagged fusion proteins
Selected references	To be added when available, antibody available in September 2025.



N-terminal tagged HSV-GFP expressed in *E. coli* is recognized by the anti HSV AS21 4603 antibody. E. coli strains (DH5alpha, NEB) transformed with the HSV-GFP plasmid or with an empty plasmid (neg. control) were grown overnight in LB media supplemented with the appropriate antibiotic. Cells were pelleted and resuspended in 1X Laemmli loading buffer. Cells were boiled for 1 min at 100°C and the extract clarified by centrifugation. Total extracts were then separated on a 12% acrylamide gel, which was transferred on a 0,1 µm nitrocellulose membrane. The Ponceau-stained membrane is presented on the left. The membrane was blocked 1h in PBS-tween 0,1% with nonfat milk at 5%. The anti-HSV antibody (AS21 4603) was incubated overnight at 4°C at a 1:5000 dilution. The secondary antibody (anti-Rabbit, HRP-conjugated was used at 1:10 000 dilution) was further incubated 3 h at room temperature. Detection was performed with the ChemiDoc Touch with the chemiluminescent detection reagent, according to manufacture's recommendations. The image (right panel) was obtained after 57 s exposure in optimal auto exposure mode.

Courtesy of Lisa Westrich, Mathieu Jacquemin, Katia Wostrikoff and Olivier Vallon