

## Spot-Label ATTO488 for Western blot, monovalent

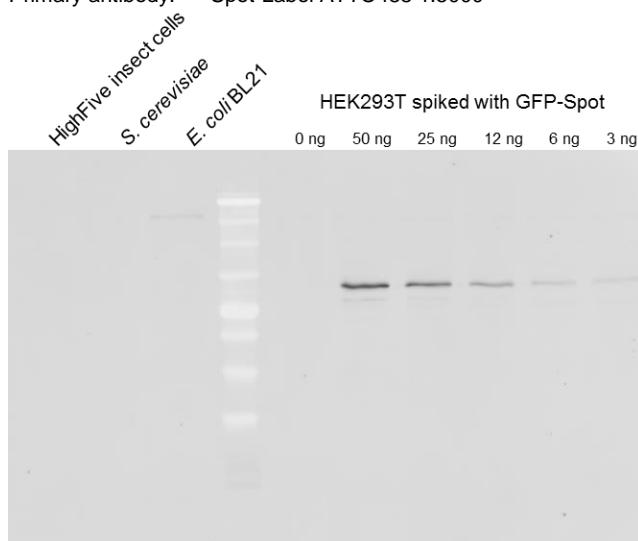
Product code: *ema488*

<b>Relevance</b>	The Spot-Tag® is a 12-amino acid epitope tag that is specifically recognized by a 14.7 kDa small, monovalent, high affinity recombinant alpaca antibody fragment. The Spot-Tag system is useful for the purification of Spot-Tag fusion proteins and their analysis using immunoprecipitation, immunofluorescence, and super-resolution microscopy. For one-step Western blot analysis of Spot-Tag fusion proteins, we recommend the Spot-Label ATTO488.
<b>Specificity</b>	This antibody is reactive against the Spot-Tag (PDRVRAVSHWSS).
<b>Description</b>	Recombinant alpaca single-domain antibody conjugated to ATTO488 for the fluorescence-based Western blot analysis of Spot-Tag fusion proteins.
<b>Product Type</b>	Primary antibody
<b>Isotype</b>	V <sub>H</sub> H (Nanobody), alpaca monoclonal
<b>Purity</b>	Affinity-purified antibody fragment
<b>Form</b>	Liquid
<b>Storage Buffer</b>	Buffered aqueous solution. Preservative: 0.09% Sodium Azide Safety datasheet (SDS) for this product: <a href="#">Sodium Azide SDS</a>
<b>Concentration</b>	0.5 g/L
<b>Conjugate</b>	ATTO488
<b>Optical properties</b>	Excitation range 480 - 510 nm ( $\lambda_{abs}$ = 500 nm) Emission range 520 - 560 nm ( $\lambda_{fl}$ = 520 nm) For further information please refer to <a href="http://www.atto-tec.com">http://www.atto-tec.com</a>
<b>Size</b>	10 $\mu$ L; 50 $\mu$ L
<b>Storage instructions</b>	Shipped at +4°C. Store at +4°C. Stable for one year.
<b>Applications</b>	Western blot: recommended starting dilution 1:5000 The optimal dilution depends on the application and should be determined by the end user. A titration from 1:2500 up to 1:25,000 is recommended.

### Tested applications

#### Western Blot

Primary antibody: Spot-Label ATTO488 1:5000



Only for research applications, not for diagnostic or therapeutic use.