

## Polyclonal Antibody to Sheep/Goat IgG - DyLight488

<b>Catalog No.:</b>	AP05395D4-N
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Donkey / IgG
<b>Immunogen:</b>	Sheep IgG
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography. <b>Buffer System:</b> Phosphate buffered saline pH 7.2 containing 0.09% Sodium Azide as preservative. <b>Label:</b> DyLight488 – DyLight(R)488
<b>Applications:</b>	Immunofluorescence: 1/50-1/200. Flow Cytometry: Use 50 µl of 1/50-1/200 diluted antibody to label 1x10 <sup>6</sup> cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises both Sheep and Goat IgG, which are immunologically very similar. This antibody is adsorbed against Human, Rabbit, Mouse and Rat serum to minimise cross-reactivity. <b>Species:</b> Sheep and Goat. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Singh M, Cattaneo R, Billeter MA. A recombinant measles virus expressing hepatitis B virus surface antigen induces humoral immune responses in genetically modified mice. J Virol. 1999 Jun;73(6):4823-8. PubMed PMID: 10233943. 2. Tedla N, Wang HW, McNeil HP, Di Girolamo N, Hampartzoumian T, Wakefield D, et al. Regulation of T lymphocyte trafficking into lymph nodes during an immune response by the chemokines macrophage inflammatory protein (MIP)-1 alpha and MIP-1 beta. J Immunol. 1998 Nov 15;161(10):5663-72. PubMed PMID: 9820547. 3. Turner J, Gonzalez-Juarrero M, Ellis DL, Basaraba RJ, Kipnis A, Orme IM, et al. In vivo IL-10 production reactivates chronic pulmonary tuberculosis in C57BL/6 mice. J Immunol. 2002 Dec 1;169(11):6343-51. PubMed PMID: 12444141. 4. Singh SK, Kurfurst R, Nizard C, Schnebert S, Perrier E, Tobin DJ. Melanin transfer in human skin cells is mediated by filopodia--a model for homotypic and heterotypic lysosome-related organelle transfer. FASEB J. 2010 Oct;24(10):3756-69. doi: 10.1096/fj.10-159046. Epub 2010 May 25. PubMed PMID: 20501793.

5. Yekta MA, Goddeeris BM, Vanrompay D, Cox E. Immunization of sheep with a combination of intimin, EspA and EspB decreases Escherichia coli O157:H7 shedding. *Vet Immunol Immunopathol.* 2011 Mar 15;140(1-2):42-6. doi: 10.1016/j.vetimm.2010.11.010. Epub 2010 Nov 18. PubMed PMID: 21185088.
6. Guitton C, Cottureau A, Gérard N, Quillard T, Chauveau A, Devallière J, et al. Protective cross talk between activated protein C and TNF signaling in vascular endothelial cells: implication of EPCR, noncanonical NF- $\kappa$ B, and ERK1/2 MAP kinases. *Am J Physiol Cell Physiol.* 2011 Apr;300(4):C833-42. doi: 10.1152/ajpcell.00003.2010. Epub 2011 Jan 12. PubMed PMID: 21228323.