L1 Polyclonal Conjugated Antibody

Catalog No: #C42503

Package Size: #C42503-AF350 100ul #C42503-AF405 100ul #C42503-AF488 100ul #C42503-AF555 100ul #C42503-AF594 100ul #C42503-AF647 100ul #C42503-AF680 100ul #C42503-AF750 100ul #C42503-Biotin 100ul

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Description

Product Name	L1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	virus
Specificity	The antibody detects endogenous level of total L1 polyclonal antibody.
Immunogen Description	Recombinant HPV18 Major capsid protein L1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	L1
Accession No.	Swiss-Prot#:P06794
Uniprot	P06794
GeneID	1489090;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	62
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Forms an icosahedral capsid with a T=7 symmetry and a 50 nm diameter. The capsid is composed of 72 pentamers linked to each other by disulfide bonds and associated with L2 proteins. Binds to heparan sulfate proteoglycans on the basement membrane to provide initial virion attachment to target cells. Basement membrane is exposed only after epithelium trauma. Additionally, the alpha6 integrin complexed with either beta1 or beta4 integrin has been proposed to act as a coreceptor recognized by L1. Once attached, integrin complexed with beta4 integrin has been proposed to act as a coreceptor recognized by L1. Once attached, the virion enters the host cell via clathrin-mediated endocytosis and the genomic DNA is released to the host nucleus. The virion assembly takes place within the cell nucleus. Encapsulates the genomic DNA together with protein L2.

Note: This product is for in vitro research use only