Polymeric immunoglobulin receptor Polyclonal Conjugated Antibody

Catalog No: #C42292

Orders: order@signalwayantibody.com
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Package Size: #C42292-AF350 100ul #C42292-AF405 100ul #C42292-AF488 100ul #C42292-AF555 100ul #C42292-AF594 100ul #C42292-AF647 100ul #C42292-AF680 100ul #C42292-AF750 100ul #C42292-Biotin 100ul

Description

Product Name	Polymeric immunoglobulin receptor Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Bovine
Specificity	The antibody detects endogenous level of total Polymeric immunoglobulin receptor polyclonal antibody.
Immunogen Description	Recombinant Bovine Polymeric immunoglobulin receptor protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PIGR
Accession No.	Swiss-Prot#:P81265
Uniprot	P81265
GeneID	281401;
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	82
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

This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.

Note: This product is for in vitro research use only