

STEAP4 Conjugated Antibody

Catalog No: #C33933



Package Size: #C33933-AF350 100ul #C33933-AF405 100ul #C33933-AF488 100ul
 #C33933-AF555 100ul #C33933-AF594 100ul #C33933-AF647 100ul
 #C33933-AF680 100ul #C33933-AF750 100ul #C33933-Biotin 100ul

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Description

Product Name	STEAP4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total STEAP4 protein.
Immunogen Description	Synthesized peptide derived from internal of human STEAP4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EC 1.16.1.-;Six-transmembrane epithelial antigen of prostate 4;SixTransMembrane protein of prostate 2;Tumor necrosis factor;alpha-induced protein 9
Accession No.	Swiss-Prot#:Q687X5NCBI Gene ID:79689
Uniprot	Q687X5
GeneID	79689;
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	52
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Metalloreductase that has the ability to reduce both Fe³⁺ to Fe²⁺ and Cu²⁺ to Cu¹⁺. Uses NAD⁺ as acceptor. Plays a role in systemic metabolic homeostasis, integrating inflammatory and metabolic responses. By similarity. Associated with obesity and insulin-resistance. Involved in inflammatory arthritis, through the regulation of inflammatory cytokines. Inhibits anchorage-independent cell proliferation.

Note: This product is for in vitro research use only