AMZ1 Conjugated Antibody

Catalog No: #C37348

Package Size: #C37348-AF350 100ul #C37348-AF405 100ul #C37348-AF488 100ul #C37348-AF555 100ul #C37348-AF594 100ul #C37348-AF647 100ul #C37348-AF680 100ul #C37348-AF750 100ul #C37348-Biotin 100ul

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Description

Product Name	AMZ1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AMZ1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human archaelysin family metallopeptidase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AMZ1; Archaemetzincin-1; KIAA1950;metalloproteinase-like protein
Accession No.	Swiss-Prot#:Q400G9?NCBI Gene ID:155185NCBI mRNA#:NCBI Protein#:NP_001035207/Q96P48
Uniprot	Q400G9
GeneID	155185;
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	55
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

AMZ1?shares sequence similarity with archaeal metalloproteases called archaemetzincins, but it appears to act predominantly as a basic aminopeptidase. Inhibited by the general metalloprotease inhibitors o-phenanthroline and batimastat. Also significantly inhibited by amastatin, which is an inhibitor of aminopeptidases. Not inhibited by 4-(2-aminoethyl)-benzenesulfonyl fluoride, E-64, and TIMPS (tissue inhibitors of metalloproteinases), which are inhibitors of serine, cysteine, and matrix metalloproteases, respectively.

Note: This product is for in vitro research use only