

VPS35 Conjugated Antibody

Catalog No: #C49784



Package Size: #C49784-AF350 100ul #C49784-AF405 100ul #C49784-AF488 100ul
 #C49784-AF555 100ul #C49784-AF594 100ul #C49784-AF647 100ul
 #C49784-AF680 100ul #C49784-AF750 100ul #C49784-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	VPS35 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DKFZp434E1211 antibody DKFZp434P1672 antibody FLJ10752 antibody FLJ13588 antibody FLJ20388 antibody hVPS35 antibody Maternal embryonic 3 antibody Maternal-embryonic 3 antibody MEM 3 antibody MEM3 antibody PARK17 antibody TCCCTA00141 antibody Vacuolar protein sorting 35 (yeast) antibody Vacuolar protein sorting 35 antibody Vacuolar protein sorting 35 homolog antibody Vacuolar protein sorting associated protein 35 antibody Vacuolar protein sorting-associated protein 35 antibody Vesicle protein sorting 35 antibody VPS 35 antibody VPS35 antibody VPS35_HUMAN antibody
Accession No.	Swiss-Prot#:Q96QK1
Uniprot	Q96QK1
GeneID	55737;
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	91 kDa
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

Vacuolar sorting proteins (VPSs) are required for proper trafficking of endocytic and biosynthetic proteins to the vacuole and play an important role in the budding process of cells. VPS35 (vacuolar protein sorting 35), also known as MEM3, is the 796 amino acid human homolog of the *S. cerevisiae* Vps35 protein. Localized to the cytoplasm and to the peripheral membrane, VPS35 is an essential component of the retromer complex which is involved in retrieval of lysosomal enzyme receptors from endosomes to the trans-Golgi network. VPS35 is expressed ubiquitously with highest expression in heart, placenta, brain, testis, kidney, colon, ovary and spleen. In addition to its crucial role in the retromer complex, VPS35 is part of a subcomplex that is required to regulate transcytosis of the polymeric immunoglobulin receptor from the basolateral to the apical surface of epithelial cells and hepatocytes.

Note: This product is for in vitro research use only