

KLK4 Conjugated Antibody

Catalog No: #C35796



Package Size: #C35796-AF350 100ul #C35796-AF405 100ul #C35796-AF488 100ul
 #C35796-AF555 100ul #C35796-AF594 100ul #C35796-AF647 100ul
 #C35796-AF680 100ul #C35796-AF750 100ul #C35796-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KLK4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KLK4 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human kallikrein-related peptidase 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARM1; EMouseP; PSTS; AI2A1; EMouseP1; KLK-L1; PRSS17; kallikrein
Accession No.	Swiss-Prot#:Q9Y5K2NCBI Gene ID:9622NCBI Protein#:BC069429
Uniprot	Q9Y5K2
GeneID	9622;
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
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

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In some tissues its expression is hormonally regulated. The expression pattern of a similar mouse protein in murine developing teeth supports a role for the protein in the degradation of enamel proteins. Alternate splice variants for this gene have been described, but their biological validity has not been determined.

Note: This product is for in vitro research use only