

Ly6a Conjugated Antibody

Catalog No: #C37285



Package Size: #C37285-AF350 100ul #C37285-AF405 100ul #C37285-AF488 100ul
 #C37285-AF555 100ul #C37285-AF594 100ul #C37285-AF647 100ul
 #C37285-AF680 100ul #C37285-AF750 100ul #C37285-Biotin 100ul

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Description

Product Name	Ly6a Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Ms
Specificity	The antibody detects endogenous levels of total Ly6a protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of mouse lymphocyte antigen 6 complex, locus A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TAP; Sca1; Sca-1; Ly-6A.2; Ly-6A/E; Ly-6E.1; Ly6
Accession No.	Swiss-Prot#:P05533NCBI Gene ID:110454NCBI mRNA#:NCBI Protein#:NP_055370
Uniprot	P05533
GeneID	110454;
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	14
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

The size of the LY6A-expressing (LY6A+) progenitor cell population is regulated by at least two ovulation-associated factors present in the follicular fluid: transforming growth factor beta 1 and leukemia-inhibitory factor. Our work has identified a population of LY6A+ MOSE progenitor cells on the surface of the ovary that may play a role in ovulatory wound healing.

Note: This product is for in vitro research use only