

NFIL3 Conjugated Antibody

Catalog No: #C33913

Package Size: #C33913-AF350 100ul #C33913-AF405 100ul #C33913-AF488 100ul

#C33913-AF555 100ul #C33913-AF594 100ul #C33913-AF647 100ul

#C33913-AF680 100ul #C33913-AF750 100ul #C33913-Biotin 100ul

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Description

Product Name	NFIL3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total NFIL3 protein.
Immunogen Description	Synthesized peptide derived from internal of human NFIL3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Nuclear factor interleukin-3-regulated protein;E4 promoter binding-protein 4;Interleukin-3 promoter transcriptional activator;Transcriptional activator NF-IL3A;Interleukin-3 binding-protein 1
Accession No.	Swiss-Prot#:Q16649NCBI Gene ID:4783
Uniprot	Q16649
GeneID	4783;
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	51
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

Product Description

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

Background

Acts as a transcriptional regulator that recognizes and binds to the sequence 5'-[GA]TTA[CT]GTAA[CT]-3', a sequence present in many cellular and viral promoters. Represses transcription from promoters with activating transcription factor (ATF) sites. Represses promoter activity in osteoblasts By similarity. Represses transcriptional activity of PER1 By similarity. Represses transcriptional activity of PER2 via the B-site on the promoter By similarity. Activates transcription from the interleukin-3 promoter in T-cells. Competes for the same consensus-binding site with PAR DNA-binding factors (DBP, HLF and TEF) By similarity. Component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock By similarity. Protects pro-B cells from programmed cell death By similarity.

Note: This product is for in vitro research use only