

## TCF11/NRF1 Conjugated Monoclonal Antibody

Catalog No: #C27194



Package Size: #C27194-AF350 100ul #C27194-AF405 100ul #C27194-AF488 100ul  
 #C27194-AF555 100ul #C27194-AF594 100ul #C27194-AF647 100ul  
 #C27194-AF680 100ul #C27194-AF750 100ul #C27194-Biotin 100ul

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## Description

Product Name	TCF11/NRF1 Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of NRF1, and does not cross-react with related proteins.
Immunogen Description	Purified recombinant NRF1 protein fragments expressed in E.coli
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	alpha pal; alpha palindromic binding protein; Alpha-pal; locus control region factor 1; NFE2 related factor 1; NRF-1; Nrf1; nuclear factor (erythroid derived 2)-like 1; nuclear respiratory factor 1; transcription factor 11;
Accession No.	Swiss-Prot#: Q16656NCBI Gene ID:4899
Uniprot	Q16656
GeneID	4899;
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

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Transcription factor that activates the expression of the EIF2S1(EIF2-alpha)gene.Links the transcriptional modulation of key metabolic genes to cellular growth and development.Implicated in the control of nuclear genes required for respiration,heme biosynthesis,and mitochondrial DNA transcription and replication.

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Note: This product is for in vitro research use only