

ABCF1 Conjugated Antibody

Catalog No: #C49078



Package Size: #C49078-AF350 100ul #C49078-AF405 100ul #C49078-AF488 100ul
 #C49078-AF555 100ul #C49078-AF594 100ul #C49078-AF647 100ul
 #C49078-AF680 100ul #C49078-AF750 100ul #C49078-Biotin 100ul

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Description

Product Name	ABCF1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Rt
Immunogen Description	Synthetic peptide within aa 796-845 of Human ABCF1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ABC27 antibody ABC50 antibody ABCF1 antibody ABCF1_HUMAN antibody ATP binding cassette 50 (TNF alpha stimulated) antibody ATP binding cassette 50 antibody ATP binding cassette sub family F member 1 antibody ATP binding cassette, sub family F (GCN20), member 1 antibody ATP-binding cassette 50 antibody ATP-binding cassette sub-family F member 1 antibody AU041969 antibody D17Wsu166e antibody EST123147 antibody GCN20 antibody TNF alpha stimulated ABC protein antibody TNF-alpha-stimulated ABC protein antibody TNFalpha inducible ATP binding protein antibody wu:fb79c06 antibody wu:fc39a05 antibody wu:fj94a08 antibody zgc:85667 antibody
Accession No.	Swiss-Prot#:Q8NE71
Uniprot	Q8NE71
GeneID	23;
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	96 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

ABCF1 (ATP-binding cassette sub-family F member 1, TNF-alpha-stimulated ABC protein) is a 845 amino acid protein encoded by the human gene ABCF1. ABCF1 belongs to the ABC transporter family (EF3 subfamily) and contains two ABC transporter domains. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). Unlike other members of the superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. ABCF1 is believed to have a role in mRNA translation due to its interaction with eukaryotic initiation factor 2 (eIF2). It is also associated with ribosomes. ABCF1 is ubiquitously expressed and can be induced with TNF. Upon DNA damage, ABCF1 is phosphorylated by either ATM or ATR.

Note: This product is for in vitro research use only