

## FEM1A Conjugated Antibody

Catalog No: #C37570



Package Size: #C37570-AF350 100ul #C37570-AF405 100ul #C37570-AF488 100ul  
 #C37570-AF555 100ul #C37570-AF594 100ul #C37570-AF647 100ul  
 #C37570-AF680 100ul #C37570-AF750 100ul #C37570-Biotin 100ul

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## Description

Product Name	FEM1A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FEM1A protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human fem-1 homolog a (C. elegans)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EPRAP
Accession No.	Swiss-Prot#:Q9BSK4NCBI Gene ID:55527NCBI Protein#:NP_056137
Uniprot	Q9BSK4
GeneID	55527;
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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FEM1A (FEM-1 homolog a), also known as EPRAP (Prostaglandin E receptor 4-associated protein), is a 669 amino acid cytoplasmic protein that belongs to the FEM-1 family. FEM1A is present in atheromata and in macrophages derived from peripheral blood monocytes. FEM1A may be a component of an E3 ubiquitin-protein ligase complex and functions as a substrate recognition subunit. It is suggested that FEM1A participates in anti-inflammatory signaling of macrophages via its interaction with EP4. FEM1A is down-regulated in Rhabdomyosarcoma, the most common soft tissue neoplasm of children. FEM1A is considered a candidate gene for polycystic ovary syndrome.

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Note: This product is for in vitro research use only