

EPX Conjugated Antibody

Catalog No: #C43959

Package Size: #C43959-AF350 100ul #C43959-AF405 100ul #C43959-AF488 100ul

#C43959-AF555 100ul #C43959-AF594 100ul #C43959-AF647 100ul

#C43959-AF680 100ul #C43959-AF750 100ul #C43959-Biotin 100ul

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Description

Product Name	EPX Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EPX protein.
Immunogen Description	Synthetic peptide of human EPX
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EPO;EPP;EPXD;EPX-PEN
Accession No.	Swiss-Prot#:P11678NCBI Gene ID:8288NCBI Protein#:NP_000493
Uniprot	P11678
GeneID	8288;
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

This gene is a member of the peroxidase gene family and is expressed in eosinophils. The encoded precursor protein is processed into covalently attached heavy and light chains to form the mature enzyme, which functions as an oxidant. The enzyme is released at sites of parasitic infection or allergen stimulation to mediate lysis of protozoa or parasitic worms. The gene is found in a cluster of three peroxidase genes at chromosome 17q23. Mutations in this gene result in eosinophil peroxidase deficiency.

Note: This product is for in vitro research use only