

Product Datasheet

EPX Antibody (AHE-1) [Alexa Fluor™ Plus 647] NBP2-34551AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34551AFP647

EPX Antibody (AHE-1) [Alexa Fluor™ Plus 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	AHE-1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor Plus 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	8288
Gene Symbol	EPX
Species	Human
Reactivity Notes	Others not known.
Specificity/Sensitivity	Peripheral blood granulocytes are classified into neutrophils, basophils and eosinophils according to the staining characteristics of their cytoplasmic granules. Granule proteins are released by physiologic and pharmacologic stimuli and play important roles in both normal and pathological host immune responses. Eosinophil major basic protein and eosinophil peroxidase (EPX) are granule proteins specific to the eosinophil. AHE-1 recognizes human EPX, a granule protein specific to eosinophils. It does not cross-react with eosinophil major basic protein, elastase, cathepsin G, esterase N, thrombin, plasmin, kallikrein, lactoferrin, or transferrin. This monoclonal antibody stains eosinophils only and does not stain other peripheral blood cells, including platelets, neutrophils, monocytes, lymphocytes or red blood cells. Human EPX gene product can form a tetramer of two light chains and two heavy chains. Other peroxidase family members include myeloperoxidase (MPO), lactoperoxidase (LPO), and thyroid peroxidase (TPO).
Immunogen	Human eosinophils from a patient with hypereosinophilic syndrome (Uniprot: P11678)

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Product Application Details	
Applications	ELISA, CyTOF-ready
Recommended Dilutions	ELISA, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-34551AFP647

H00008288-P01-2ug	Recombinant Human EPX GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-18715	Human EPX ELISA Kit (Colorimetric)
NB100-105	HIF-1 alpha Antibody (H1alpha67)

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