

# Product Datasheet

## EPX Antibody (AHE-1) [Allophycocyanin] NBP2-34551APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34551APC**

EPX Antibody (AHE-1) [Allophycocyanin]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AHE-1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Allophycocyanin
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	8288
<b>Gene Symbol</b>	EPX
<b>Species</b>	Human
<b>Reactivity Notes</b>	Others not known.
<b>Specificity/Sensitivity</b>	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).
<b>Immunogen</b>	Human eosinophils from a patient with hypereosinophilic syndrome (Uniprot: P11678)
<b>Notes</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, CyTOF-ready
<b>Recommended Dilutions</b>	ELISA, CyTOF-ready



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### **Products Related to NBP2-34551APC**

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IC002A	Mouse IgG1 Isotype Control (11711) [Allophycocyanin]
H00008288-P01-2ug	Recombinant Human EPX GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-18715	Human EPX ELISA Kit (Colorimetric)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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