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## Datasheet for ABIN6940955 **anti-EPX antibody**

### Overview

Quantity:	100 µg
Target:	EPX
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPX antibody is un-conjugated
Application:	ELISA, Coating (Coat)

### Product Details

Immunogen:	Human eosinophils from a patient with hypereosinophilic syndrome
Clone:	AHE-1
Isotype:	IgG1 kappa
Specificity:	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 MAb 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

## Product Details

myeloperoxidase (MPO), lactoperoxidase (LPO), and thyroid peroxidase (TPO).

Purification: Purified by Protein A/G

## Target Details

Target: EPX

Alternative Name: EPX ([EPX Products](#))

Molecular Weight: 70kDa (55kDa-Heavy Chain, 15kDa-Light Chain)

Gene ID: 8288

UniProt: [P11678](#)

## Application Details

Application Notes: Positive Control: MCF-7 cells. Tonsil.  
Known Application: ELISA (For coating, order antibody without BSA),Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months