

A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® Red 780 Anti-Human CD73 Antibody[AD2]

Catalog Number: E-AB-F1242S

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human Mouse Host

Mouse IgG1, κ Isotype

Clone No. AD2

Isotype Control Elab Fluor<sup>®</sup> Red 780 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792S]

Conjugation Elab Fluor®Red 780

**Conjugation Information** Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

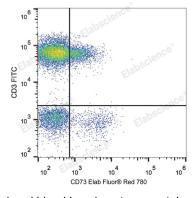
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Human peripheral blood lymphocytes are stained with Elab

Fluor® Red 780 Anti-Human CD73 Antibody and FITC Anti-Human CD3 Antibody.

#### **Preparation & Storage**

Keep as concentrated solution. Storage

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

**Shipping** Ice bag

#### **Antigen Information**

**Alternate Names** 5'-NTE.C3.1.3.5L-VAP-2NT5E;Ecto-5'-nucleotidase

**Uniprot ID** P21589 Gene ID 4907

#### For Research Use Only

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# Elabscience®

#### **Elabscience Bionovation Inc.**

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### **Background**

CD73 is a 70 kD glycophosphatidylinositol (GPI)-linked 5'-nucleotidase, which is also known as ecto-5'-nucleotidase. It converts adenosine monophosphate (AMP) to adenosine. CD73 is expressed on subsets of T and B cells, mesenchymal stem cells, follicular dendritic cells, endothelial cells, and epithelial cells. It has been reported that CD73 costimulates T cell activation, and mediates adhesion of lymphocytes to follicular dendritic cells and endothelial cells.

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