

Product datasheet

Anti-CD82 antibody [C33], prediluted (FITC) ab176514

1 Image

Overview

<b>Product name</b>	Anti-CD82 antibody [C33], prediluted (FITC)
<b>Description</b>	Mouse monoclonal [C33] to CD82, prediluted (FITC)
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD82. (C91/PL [human HTLV-1+ T cell line]).
<b>Positive control</b>	Human blood cells.

Properties

<b>Form</b>	Prediluted
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	Preservative: 0.098% Sodium azide Constituents: 0.2% BSA, 99% PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	C33
<b>Isotype</b>	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab176514** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
-------------	-----------	-------

Flow Cyt

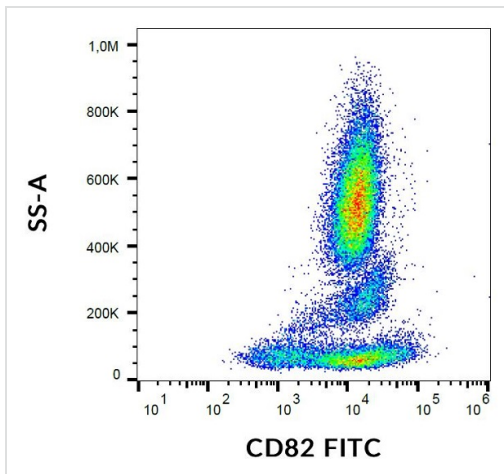
Use 4µl for 10<sup>6</sup> cells.  
(or 100 µl of whole blood).

[ab91362](#) - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

### Target

<b>Function</b>	Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway.
<b>Tissue specificity</b>	Lymphoid specific.
<b>Sequence similarities</b>	Belongs to the tetraspanin (TM4SF) family.
<b>Cellular localization</b>	Membrane.

### Images



Surface staining of CD82 on human peripheral blood cells with ab176514.

Flow Cytometry - Anti-CD82 antibody [C33],  
prediluted (FITC) (ab176514)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors