

Product datasheet

PE Anti-CD7 antibody [Huly-m2] ab1160

3 References

Overview

Product name	PE Anti-CD7 antibody [Huly-m2]
Description	PE Mouse monoclonal [Huly-m2] to CD7
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	This antibody does not react with granulocytes and B lymphocytes.
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to CD7.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.5% BSA
Clonality	Monoclonal
Clone number	Huly-m2
Myeloma	unknown
Isotype	IgG2a
Light chain type	unknown

Applications

Application notes

Diagnosis and follow-up of T cell acute lymphoblastic leukemia (T-ALL) and Acute myeloid leukaemia (CD7+ AML) in human lysed whole peripheral blood or mononuclear cells separated by density gradient.

For FACS:

Add 100ml of whole blood to a staining tube.

To this tube add 10ml of CD7 (PE) reagent.

Mix gently and incubate 20-30 minutes at 2-8°C.

Add 2ml of BIO LISANTE (ab1159) at room temperature.

Vortex tube gently (no more than 2 seconds) then incubate for 10 minutes at room temperature in the dark.

Wash cells two times with 3ml of PBS.

Resuspend cells in 0.5-1ml of PBS and analyse.

CD7 (PE) immunofluorescence analysis can be performed on a flow cytometer equipped with an excitation source of 488nm and fitted with logarithmic amplifiers.

10µl of CD7 (PE) is sufficient for labelling of 1×10^6 cells.

Molecular F/P ratio: 1.0

Target

Function

Not yet known.

Sequence similarities

Contains 1 Ig-like (immunoglobulin-like) domain.

Cellular localization

Membrane.

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