

Product datasheet

Anti-CD5 antibody [53-7.3] (Phycoerythrin) ab114078

1 Image

Overview

Product name	Anti-CD5 antibody [53-7.3] (Phycoerythrin)
Description	Rat monoclonal [53-7.3] to CD5 (Phycoerythrin)
Host species	Rat
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: IP, IHC-Fr, Flow Cyt, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Mouse thymus or spleen cells.
Positive control	Mouse thymus and spleen cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store undiluted.
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.1% Gelatin, 0.87% Sodium chloride, 0.14% Monobasic dihydrogen sodium phosphate
Purity	Affinity purified
Clonality	Monoclonal
Clone number	53-7.3
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab114078** in the following tested applications.

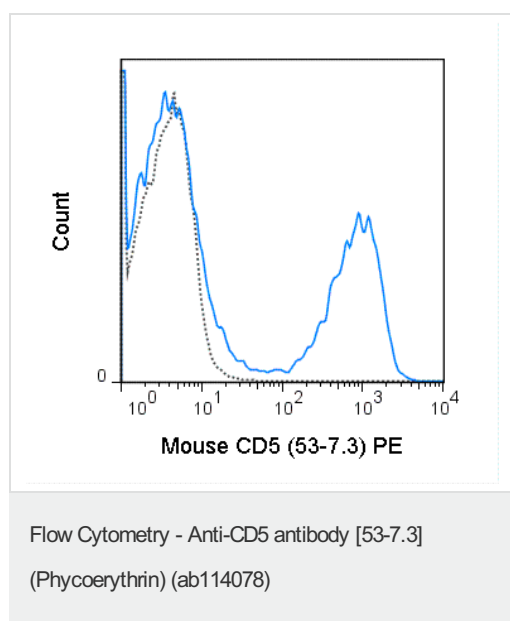
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration. on acetone fixed frozen sections.
Flow Cyt		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

Target

Function	May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.
Sequence similarities	Contains 3 SRCR domains.
Cellular localization	Membrane.

Images



Flow Cytometry analysis of C57Bl/6 splenocytes labeling CD5 with ab114078 at 0.25 μg (solid line), or Rat IgG2a (Phycoerythrin) isotype control at 0.25 μg (dashed line).

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