

PE/Cyanine5.5 Anti-Mouse CD54 Antibody [YN1/1.7.4]

AGEL0716

Description

This PE/Cyanine5.5 Anti-Mouse CD54 Antibody [YN1/1.7.4] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	AGEL0716
Contents:	100µg, 25µg Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Clonality:	Monoclonal
Clone:	YN1/1.7.4
Synonyms:	CD54, Icam-1, Icam1, Intercellular adhesion molecule 1, MALA-2, MyD10
Applications:	FCM
Reactivity:	Mouse
Immunogen:	-

Antibody Data

Uniprot ID:	P13597
Gene ID:	15894
Swissprot:	P13597
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	PE/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2]

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Conjugation:	PE/Cyanine 5.5
Conjugation Information:	PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm (e.g., a 690/50 nm bandpass filter).
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Purification:	-
Target:	CD54
Cellular Localization:	Membrane
Tissue Specificity:	-
Verified Samples:	-
Concentration:	0.2 mg/mL

Preparation & Storage

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

Recommended Dilution: -

Recommended Usage:

Application	Recommended Usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 ⁶ cells in 100 µL volume].

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

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