

Datasheet: MCA6095PE

Description:	MOUSE ANTI HUMAN CD352:RPE
Specificity:	CD352
Other names:	SLAMF6
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	hSF6.4.20
Isotype:	IgG1
Quantity:	100 TESTS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized

Reconstitution
 Reconstitute with 1.0 ml distilled water
 Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578

Preparation
 Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution
 Phosphate buffered saline

Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 5% Sucrose
Immunogen	Human CD352 (SLAMF6) transfected cell line
External Database Links	<p>UniProt: Q96DU3 Related reagents</p> <p>Entrez Gene: 114836 SLAMF6 Related reagents</p>
Synonyms	KALI
Specificity	<p>Mouse anti Human CD352, clone hSF6.4.20 recognizes the human CD352 antigen, also known as SLAM family member 6 (SLAMF6), activating NK receptor and NK-T-B-antigen.</p> <p>CD352 is a 60 kDa, transmembrane glycoprotein member of the signaling lymphocyte activating molecule (SLAM) family of receptors. Expressed by natural killer (NK) cells, B cells and T cells, CD352 is an immunoregulatory receptor with a roles in both innate and adaptive immune responses. The SLAM receptors control NK cell activation. Activation and phosphorylation of CD352 on the surface of NK cells induces cytotoxicity and cytokine production.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul
Storage	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at +4°C.</p> <p>DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #20487 available at: https://www.bio-rad-antibodies.com/SDS/MCA6095PE 20487</p>
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M419500:230616'

Printed on 18 Jan 2024

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