

PE anti-mouse CD276 (B7-H3)

Catalog # / Size: 124507 / 25 µg
124508 / 100 µg

Clone: RTAA15

Isotype: Rat IgG2a, κ

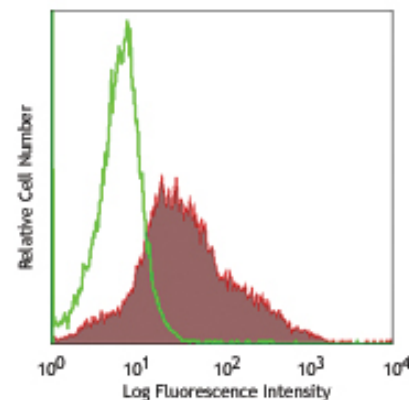
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Thioglycolate-elicited BALB/c mouse peritoneal macrophages stimulated with LPS for 24 hours and then stained with RTAA15 PE

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Xu J, *et al.* 2006. *Cellular and Molecular Immunology*. 3(3):235
2. Prasad D.V.R. 2004. *J.Immunology*.173:2500

Description: B7-H3 is a member of the B7 gene family. It has 88% amino acid sequence identity with human B7-H3. It is mostly expressed on professional APCs, including B cells, macrophages, and dendritic cells. Its expression on dendritic cells appears to be up-regulated by LPS. B7-H3 protein inhibits T cell activation and cytokine production. It was reported that monoclonal antibody against B7-H3 enhanced T cell proliferation in vitro and led to exacerbated EAE in vivo. Therefore, B7-H3 may be a negative regulator on T cell activation and function.

Antigen References: 1. Sun M *et al.* 2002. *J. Immunology*. 168:6294
2. Xu J *et al.* 2006. *Cellular and Molecular Immunology*. 3(3):235

Related Products:	Product	Clone	Application
	PE Rat IgG2a, κ Isotype Ctrl	RTK2758	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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