Datasheet for ABIN2689010

anti-FCGR3A antibody

10 Publications

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Overview

Quantity:	0.5 mg
Target:	FCGR3A
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FCGR3A antibody is un-conjugated
Application:	Immunoprecipitation (IP), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), Immunohistochemistry (Zinc-fixed Sections) (IHC (zinc))

Product Details

Brand:	BD Pharmingen™
Clone:	10-78
Isotype:	IgG1 kappa
Characteristics:	The 10/78 antibody reacts with NKR-P1A, a 60- kDa homodimer expressed on all natural killer (NK) cells and a small subset of T lymphocytes. The 10/78 antibody competes with the previously described 3.2.3 antibody for binding to the antigen. NKR-P1A is a type-II integral membrane protein with an extracellular C-type lectin domain, which is an NK cell-activating receptor specific for tumor target cells. Many rat dendritic cells have been shown to express NKR-P1A, and a subpopulation of these cells has cytotoxic activity. NKR-P1A has also been detected at low levels on peripheral blood monocytes, and its expression is upregulated in IFN-γ-activated monocytes, specifically in a subpopulation of large monocytes with phagocytic

Product Details

	capacity. Furthermore, activated peripheral blood neutrophils may express a low level of NKR-P1A. In the mouse and rat, three members of the NKR-P1 gene family have been identified, but in the human gene family, a single NKR-P1 homologue has been discovered and designated Cd161. BD Pharmingen™ Purified Mouse Anti-Rat CD161a - Purified - Clone 10/78 - Isotype Mouse IgG1, κ - Reactivity Rat - 0.5 mg
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	FCGR3A
Alternative Name:	CD161a (FCGR3A Products)
Background:	Synonyms: NKR-P1A

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Aqueous buffered solution containing ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C.

Publications

Product cited in:	Trinité, Voisine, Yagita, Josien: "A subset of cytolytic dendritic cells in rat." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 165, Issue 8, pp. 4202-8, (2000) (PubMed).

Fujimura, Yang, Soriano, Ogawa, Kobayashi, Jiang: "Cellular surface molecular and cytokine gene expression in rat heart allografts under optimal doses of cyclosporine and FK 506." in: **Transplantation proceedings**, Vol. 30, Issue 4, pp. 1023-6, (1998) (PubMed).

Scriba, Grau, Steiniger: "Phenotype of rat monocytes during acute kidney allograft rejection: increased expression of NKR-P1 and reduction of CD43." in: **Scandinavian journal of immunology**, Vol. 47, Issue 4, pp. 332-42, (1998) (PubMed).

Kraus, Lambracht, Wonigeit, Hünig: "Negative regulation of rat natural killer cell activity by major histocompatibility complex class I recognition." in: **European journal of immunology**, Vol. 26, Issue 11, pp. 2582-6, (1997) (PubMed).

Lanier: "Natural killer cells: from no receptors to too many." in: **Immunity**, Vol. 6, Issue 4, pp. 371-8, (1997) (PubMed).

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