

Datasheet for ABIN2689897

**anti-RT1-BB antibody**

10 Publications

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## Overview

Quantity:	0.5 mg
Target:	RT1-BB
Reactivity:	Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Blocking Reagent (BR), Immunoaffinity Chromatography (IAC), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

## Product Details

Brand:	BD Pharmingen™
Immunogen:	Ia-like Glycoproteins from Wistar Thymocytes
Clone:	OX
Isotype:	IgG1 kappa
Characteristics:	<p>The OX-6 antibody reacts with non-polymorphic determinants of the Rat MHC class II antigen, I-A equivalent. RT1B is found on peripheral B lymphocytes, thymic cortical epithelial and medullary reticular cells, small intestinal villus epithelium, epidermal Langerhans cells, dendritic cells, some tissue macrophage populations, peritoneal mast cells, and a subset of thymocytes, but not on peripheral T cells, erythrocytes, or microglia. The OX-6 mAb cross-reacts with mouse I-A[k] and I-A[s] alloantigens and with a major subset of splenocytes from NOD (I-A[g7]) mice. This antibody is routinely tested by flow cytometric analysis. Other applications were tested during antibody development only or reported in the literature.</p>

## Product Details

BD Pharmingen™ Purified Mouse Anti-Rat RT1B - Purified - Clone OX-6 - Isotype Mouse IgG1, κ -  
Reactivity Rat, Ms - 0.5 mg

Purification: The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

## Target Details

Target: RT1-BB

Alternative Name: RT1B ([RT1-BB Products](#))

Pathways: [Production of Molecular Mediator of Immune Response](#)

## 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: Stumpf, Wimmer, Lorenz, Stieger: "Creation of different bioluminescence resonance energy transfer based biosensors with high affinity to VEGF." in: **PLoS ONE**, Vol. 15, Issue 3, pp. e0230344, (2020) ([PubMed](#)).

Chen, Hsueh, Lee, Tsai, Tsai, Chiang: "FGF primes angioblast formation by inducing ETV2 and LMO2 via FGFR1/BRAF/MEK/ERK." in: **Cellular and molecular life sciences : CMLS**, (2020) (

[PubMed](#)).

Keys, Wetter, Hang, Rutschmann, Russo, Mally, Steffen, Zuppiger, Müller, Schneider, Faridmoayer, Lin, Aebi: "A biosynthetic route for polysialylating proteins in Escherichia coli." in: **Metabolic engineering**, Vol. 44, pp. 293-301, (2018) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)