Datasheet for ABIN2689266

anti-CD44 Standard antibody

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Overview

Quantity:	0.5 mg
Target:	CD44 Standard (CD44s)
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD44 Standard antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Zinc-fixed Sections) (IHC (zinc))

Product Details

Brand:	BD Pharmingen™
Immunogen:	Rat T blasts from mixed lymphocyte reactions
Clone:	OX
Isotype:	IgG2a kappa
Characteristics:	The OX-49 antibody reacts with the glycoprotein CD44H (also known as CD44s) expressed on most leukocytes, except for a subset of B lymphocytes, and at greatly increased levels on T- and B-cell blasts. The epitope recognized by OX-49 antibody has been mapped to a region on both the standard, CD44s, and the splice variant, CD44v, isoforms of CD44. However, recent reports indicate that OX-49 antibody cannot detect the CD44v isoform, possibly due to conformational changes in the epitope. CD44 is a cell adhesion receptor, and its ligand,

Product Details

	hyaluronate, is a common component of extracellular matrices. BD Pharmingen™ Purified Mouse Anti-Rat CD44H - Purified - Clone OX-49 - Isotype Mouse IgG2a, κ - Reactivity Rat - 0.5 mg
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	CD44 Standard (CD44s)
Alternative Name:	CD44H (CD44s Products)
Background:	Synonyms: Pgp-1, H-CAM, CD44s

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:	Luster, Ravetch: "Biochemical characterization of a gamma interferon-inducible cytokine (IP-10)." in: **The Journal of experimental medicine**, Vol. 166, Issue 4, pp. 1084-97, (1987) (PubMed). There are more publications referencing this product on: Product page