

**RAT ANTI-CD44S
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	MAB2137
LOT NUMBER:	xxxxxxx
QUANTITY:	100 µg
CONCENTRATION:	1 mg/mL
SPECIFICITY:	Antibody reacts with the standard CD44 isoform (CD44s) that lacks exon sequences v1-v10. Also called human CD44 (85-95 kDa) gp90 ^{Hermes} and mouse gp85 (Pgp-1).
IMMUNOGEN:	Purified human blood lymphocyte CD44
ISOTYPE:	IgG _{2b}
CLONE:	A020
APPLICATIONS:	ELISA: 1:2,000 Flow Cytometry: 1:1,000 Immunofluorescence: 1:200 Immunohistostaining of paraffin embedded tissues: 1:250, antigen retrieval is usually not needed. Immunoprecipitation: 1:200 RIA: 1:5000 Western blotting: non-reduced conditions only; 90kDa band is detected; blocking PBS/5% milk protein, primary antibody dilution 1:1000 o/n incubation. Optimal working dilutions must be determined by end user.
SPECIES REACTIVITIES:	Human, rabbit, pig, mouse, rat, dog and bovine cells/tissue
FORMAT:	Purified immunoglobulin.
PRESENTATION:	Liquid in 10 mM sodium phosphate, pH 7.5 with 150 mM NaCl and 0.01% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
REFERENCES:	Bourguignon, L.Y.W., Lokeshwar, V.B., Chen, X. and Kerrick, W.G.L., <i>J. Immunology</i> , (1993) 151 :6634-6644.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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