

Product datasheet for **AM39070SU-N**

Cd24 Mouse Monoclonal Antibody [Clone ID: HIS50]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HIS50
Applications:	IF, IHC
Recommended Dilution:	Flow cytometry. Immunofluorescence. Immunohistochemistry on frozen sections.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	The antibody recognizes rat CD24. Other species not tested.
Formulation:	State: Supernatant State: Liquid cell culture supernatant containing 0.09% sodium azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Gene Name:	CD24 molecule
Database Link:	Entrez Gene 25145 Rat Q07490
Background:	CD24 is a two-chain glycosylphosphatidylinositol (GPI)- anchored glycoprotein expressed at multiple stages of B-cell development, whereas expression in plasma cell is very low or negative. In addition, it is expressed in a wide variety of human malignancies including B cell lymphoma, renal cell carcinoma, small cell and nonsmall cell lung carcinoma, glioma, epithelial ovarian cancer, and breast cancer. CD24 may play a role in regulation of B-cell proliferation and maturation, and has been described in the developing pancreas and brain, and in regenerating muscle, keratinocytes, and renal tubules. CD24 expression has been associated with an adverse prognosis in breast cancer (5), ovarian cancer, and prostate cancer.
Synonyms:	X62 heat stable antigen, HSA



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