

Product Datasheet

HLA-A2 Antibody (orb1906407)

Description

HLA-A2 Antibody

Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IF, IHC, WB
Immunogen	The original antibody was generated by immunizing BALB/c mice with papain solubilized HLA-A2 and B7 antigens.
Target	HLA-A2
Preservatives	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Note	For research use only
Application notes	The binding specificity of BB7.2 towards HLA-A2 was assessed using complement-mediated cytotoxicity and cellular radio binding assay. This antibody is cytotoxic for peripheral blood leukocytes and lymphoid cell lines. The original IgG2b version of this antibody binds HLA-A2 positive cells with a binding or avidity constant of about 5×10^8 liter/mol (PMID:7035415). This antibody was used to detect HLA-A*0201-PR1 complexes using western blot and ELISA (PMID: 17493346). This antibody was also used to detect HLA-A2 complexed with pol, gag, and EBV peptides using ELISA (PMID:8562505). This antibody was used to screen human leucocyte antigen (HLA)-A2 haplotype-positive HBV patients using flow cytometry (PMID: 16108766). This antibody was also used for the immunofluorescent staining of HLA-A2.1 molecules on the cell surface of human processing defective cell line (T2) (PMID:7684681). This antibody was used in a study involving the expression of HLA class molecules in head and neck squamous cell carcinoma (HNSCC) specimens by immunohistochemistry (PMID: 9328140).
Isotype	IgG
Clonality	Monoclonal

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709. United States

Email: info@biorbyt.com | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558