

Mouse Sperm Protein sp56 Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 55101 thru 55105

Size: 100 ug Protein G-purified antibody in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Mixture of native and formaldehyde-zinc fixed sperm purified through a Percoll gradient.

Host Species: Mouse

Antibody Class: 55105 = IgG3;
55101 thru 55104 = IgG1.

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY AND ACTIVITY

These antibodies specifically recognize mouse sperm protein sp56. They will react with denatured, nonreduced sp56 but not with denatured, reduced sp56.

These antibodies do not cross-react with human sperm. Relative antibody titers for antibody binding to solid phase sp56: 55101 (7C5) =66pM, 55102 (5F12)=4nM, 55103 (4B2) =29nM, 55104 (7H12) =70nM, 55105 (12D2) =400nM.

APPLICATIONS

These antibodies may be used in immunohistochemistry to localize sp56 on mouse sperm and in immunoblots or ELISA to identify sp56.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

REFERENCE

Cheng et al. (1994) *J Cell Biol* **125**: 867;
Bookbinder et al. (1995) *Science* **269**: 86.

For in vitro investigational use only.

Not for use in therapeutic or diagnostic procedures.