

Zp3r monoclonal antibody, clone 5F12

Catalog # MAB8385 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against Zp3r.
Immunogen	A mixture of native and formaldehyde-zinc fixed mouse sperm purified through a Percoll gradient.
Host	Mouse
Reactivity	Mouse
Specificity	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.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Zp3r

Entrez GeneID	22789
Gene Name	Zp3r
Gene Alias	AV264399, SP56
Gene Description	zona pellucida 3 receptor
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Tissue- and species-specific expression of sp56, a mouse sperm fertilization protein.](#)

Bookbinder LH, Cheng A, Bleil JD.

Science 1995 Jul; 269(5220):86.

Application: IF, IHC-P, WB-Ce, WB-Ti, Mouse, Eggs, Epididymus, Embryos, Testes

- [Sperm-egg recognition in the mouse: characterization of sp56, a sperm protein having specific affinity for ZP3.](#)

Cheng A, Le T, Palacios M, Bookbinder LH, Wassarman PM, Suzuki F, Bleil JD.

The Journal of Cell Biology 1994 May; 125(4):867.

Application: ELISA, WB-Ce, Mouse, Mouse sperms