

Mouse anti-Intra-acrosomal protein, clone Hs-8 (Monoclonal)

Clone no. Hs-8

MONOSAN

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Product name	Mouse anti-Intra-acrosomal protein, clone Hs-8 (Monoclonal)
Host	Mouse
Applications	WB, ICC, FC
Species reactivity	Pig, Human
Conjugate	-
Immunogen	Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was
Isotype	IgM
Clonality	Monoclonal
Clone number	Hs-8
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Tris buffered saline (TBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

GAPDHS (the sperm-specific glyceraldehyde phosphate dehydrogenase, also known as GAPD2, GAPDS, HSD-35, or GAPDH-2, is a glycolytic enzyme that plays an important role in carbohydrate metabolism. Like its somatic cell counterpart, this sperm-specific enzyme functions in a nicotinamide adenine dinucleotide-dependent manner to remove hydrogen and add phosphate to glyceraldehyde 3-phosphate to form 1,3-diphosphoglycerate. During spermiogenesis, this enzyme may play an important role in regulating the switch between different energy-producing pathways, and it is required for sperm motility and male fertility. It can be used as an intra-acrosomal marker for evaluation of the physiological state of sperm cells as well as for selection of a suitable method of fertilization in the laboratories of assisted reproduction.

**References**

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3. -
4. -
5. -

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