

Technical Data Sheet

Product	Anti-GAPDHS FITC	
Cat. Number/Size	1F-301-T050	50 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	GAPDHS	
Clone	Hs-8	
Format	FITC	
Reactivity	Pig, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 50 tests. Intraacrosomal staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgM	
Specificity	The antibody Hs-8 reacts with GAPDHS, the sperm-specific glyceraldehyde phosphate dehydrogenase, which is an intra-acrosomal protein.	
Other names	SGAPDH, HSD-35	
Immunogen	Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid and subsequently used for immunization.	
Entrez Gene ID	26330	
Gene name	GAPDHS	
NCBI Full Gene Name	glyceraldehyde-3-phosphate dehydrogenase, spermato	
UniProt ID	O14556	
Preparation	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing Tris buffered saline (TBS) solution with 15 mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	www.exbio.cz	

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