

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	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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