

Technical Data Sheet

Product **Anti-Hu TROP2 Alexa Fluor® 488**  
Cat. Number/Size **A4-898-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

Antigen	TROP2
Clone	TrMab-6
Format	Alexa Fluor® 488
Reactivity	Pig, Human
Negative species	Mouse
Application	WB, ICC, FC (QC tested), IHC
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG2b kappa
Specificity	The mouse monoclonal antibody TrMab-6 recognizes an extracellular epitope of TROP2, a type I transmembrane glycoprotein. This antibody is useful for detection of TROP2 in breast cancer.
Other names	TACSTD2, EGP1, GP50, M1S1, GA733-1
Immunogen	TROP2-transfected CHO cells
Entrez Gene ID	4070
Gene name	TACSTD2
NCBI Full Gene Name	tumor associated calcium signal transducer 2
UniProt ID	P09758

Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 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](http://www.exbio.cz)

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