

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TM4SF18. Stains human TM4SF18-transfected cells but not parent cells.
Source	Monoclonal Mouse IgG _{2A} Clone # 211116
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human TM4SF18 Met1-Ile201 Accession # Q96CE8
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	NS0 mouse myeloma cell line transfected with human TM4SF18

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

TM4SF18, also known as AAB5 and L6D, was cloned from human umbilical vein endothelial cells. It shares approximately 40-50% amino acid sequence identity with L6, IL-TMP, and TM4SF5, a group of proteins with limited homology to the tetraspanin superfamily.

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