

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TFAF3/FAM19A3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human TFAF1, 2, 4, or 5 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 460904
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human TFAF3/FAM19A3 Ala31-Arg133 Accession # Q7Z5A8
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	A172 human glioblastoma cell line fixed with paraformaldehyde and permeabilized with saponin

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

TAF3 (also FAM19A3) is an 11 kDa (predicted) member of the FAM19/TAF3 family of 5 proteins that show differential expression in the brain. It is probably a secreted protein. TAF3 1-4 proteins bear chemokine-like signatures, and are distantly related to MIP-1α, sharing its CC motif. A conserved 10 cysteine pattern suggests multiple disulfide linkages. Mature human TAF3 is 103 aa in length and has no predicted N-linked glycosylation sites. It shares 86% aa identity with mouse TAF3. A potential 131 aa isoform diverges at aa 59 of the mature sequence.

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