

**DESCRIPTION**

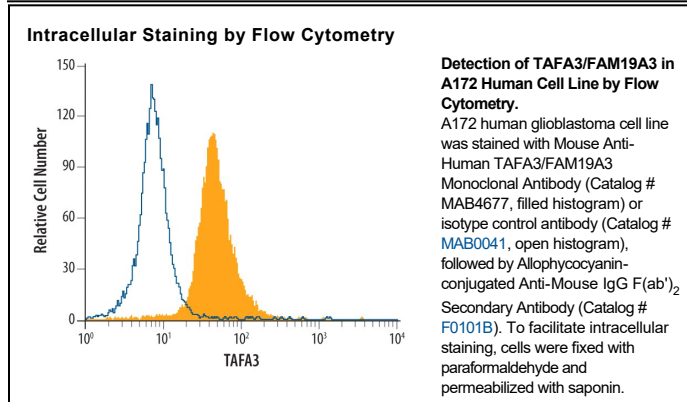
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human TFAF3/FAM19A3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human TFAF1, 2, 4, or 5 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 460904
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human TFAF3/FAM19A3 Ala31-Arg133 Accession # Q7Z5A8
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

**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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	1 µg/mL	Recombinant Human TFAF3/FAM19A3 under non-reducing conditions only
<b>Intracellular Staining by Flow Cytometry</b>	2.5 µg/10 <sup>6</sup> cells	See Below
<b>CyTOF-ready</b>	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

**DATA**



**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

TFAF3 (also FAM19A3) is an 11 kDa (predicted) member of the FAM19/TFAF family of 5 proteins that show differential expression in the brain. It is probably a secreted protein. TFAF 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 TFAF3 is 103 aa in length and has no predicted N-linked glycosylation sites. It shares 86% aa identity with mouse TFAF3. A potential 131 aa isoform diverges at aa 59 of the mature sequence.