

## DESCRIPTION

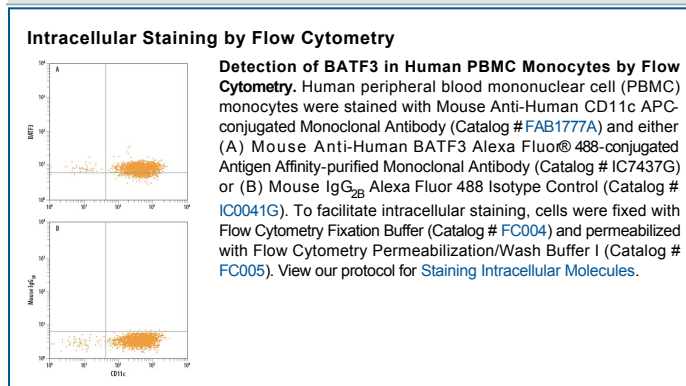
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human BATF3 in ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 841702
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human BATF3 Met1-Arg127 Accession # Q9NR55
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	Supplied 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	5 µL/10 <sup>6</sup> cells	See Below

## DATA



## PREPARATION AND STORAGE

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

## BACKGROUND

BATF3 (Basic leucine zipper transcriptional factor ATF-like 3; also p21SNFT) is a 20 kDa nuclear member of the bZIP family of proteins. It is expressed in Th1 cells and conventional dendritic cells (CD11c<sup>+</sup>), and serves to downregulate AP-1 mediated transcription. BATF3 accomplishes this by heterodimerizing with Jun and binding to AP-1 consensus binding sites, thus precluding a Jun/Fos interaction with gene activation. Human BATF3 is 127 amino acids (aa) in length. It contains one DNA binding motif (aa 41-59) with an adjacent leucine-zipper (aa 63-84), but lacks a transactivation domain. Full-length human BATF3 (aa 1-127) shares 80% aa sequence identity with mouse BATF3.

## PRODUCT SPECIFIC NOTICES

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