

# Technical Data Sheet

## FlowMAb APC anti-mouse CD86 (B7-2)



**Attention:** Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

### Lot Specific Information

Lot Number: Lot Specific\*  
Volume: Lot Specific\*  
Concentration: Lot Specific\* (generally 4 to 11 mg/ml) \*  
Total Protein: Lot Specific\*

\*This information will be noted on the certificate of analysis that ships with this product.

### Product Information

Catalog Number: FM0025-APC  
Clone: GL-1  
Isotype: Rat IgG2a,  $\kappa$   
Conjugation: APC  
Excitation Source: Red 627-640 nm  
Excitation Max: 651 nm  
Emission Max: 660 nm  
Immunogen: LPS-activated CBA/Ca mouse splenic B cells  
Reported Applications: Flow cytometry  
Formulation: PBS, pH 7.0  
Contains 0.09% Sodium Azide  
Production: Purified from cell culture supernatant in an animal-free facility  
Purification: Protein G  
RRID: [AB\\_1107678](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=AB_1107678)

### Description

The GL-1 monoclonal antibody reacts with mouse CD86, also known as B7-2. CD86 is an 80 kDa Ig superfamily member. CD86 is expressed by activated T and B cells, macrophages, and dendritic cells. This ligand binds to CD28 to provide a costimulatory signal necessary for T cell activation and survival and cytokine production. Additionally, CD80 binds to CTLA-4, which inhibits T cells. This allophycocyanin (APC)-conjugated version of the GL-1 antibody is useful for flow cytometry.

### Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light. **Do not freeze.**

### Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

### Application References

For a complete list of references, visit [https://bioxcell.com/fm0025-apc?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/fm0025-apc?bxcs=9k1b3a#tab_references) or scan the QR code below.



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