

PRODUCT DATA SHEET

Product: Anti-FADD (DD), clone 12E7

Cat. No.: MC-513 (100 µg)

Specificity:

Recognizes an epitope in the C-terminal death domain (DD) of FADD.

Species Reactivity:

Mouse, human, dog and bovine. Others not tested.

Ig Isotype:

Rat IgG₁

Immunogen:

Recombinant mouse FADD (MORT1).

Format:

100 µg of antibody in PBS containing 0.02% sodium azide. Concentration 1 mg/mL IgG.

Storage:

Store at 4°C short term. For long term, store at -20°C. Aliquot to avoid repeat freeze / thaw cycles.

Applications and Suggested Dilutions:

- Flow Cytometry
- Immunoprecipitation: Use at 1-5 µg/mL.
- Western blotting: Use at least 1 µg/mL.
- Immunocytochemistry

The optimal dilution for a specific application should be determined by the researcher.

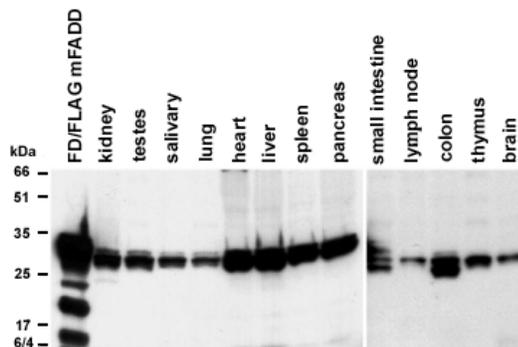


Figure 1: Western blot of mouse FADD from different mouse tissues with MC-513, Anti-FADD, clone 12E7 used at 1 µg/mL. 25 µg of total protein lysate was used. Lane 1: FDC-P1 cell line transfected with mouse FADD was used as a positive control (the laddering is due to partial degradation).

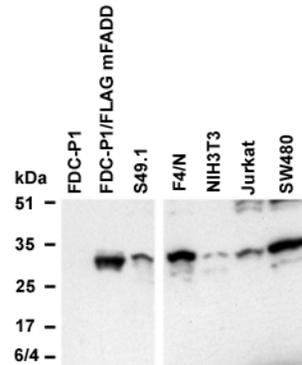


Figure 2: Western blot of mouse and human FADD with MC-513, Anti-FADD, clone 12E7 used at 1 µg/mL. FDC-P1 cell line transfected with mouse FADD was used as a positive control. The primary antibody (clone 12E7) was detected with anti-rat HRP (1:5,000) and visualized by ECL. The cell line lysates were prepared from 1 million cells, except for the FD lines, for which 0.25 million cells were used. Origin of cell lines used: S49.1: human T lymphoma, J774: mouse macrophage, TCMK-1: mouse kidney, F4/N: mouse erythroleukaemia, NIH3T3: mouse fibroblasts, Jurkat: human T lymphoma, SW480: human colon carcinoma.

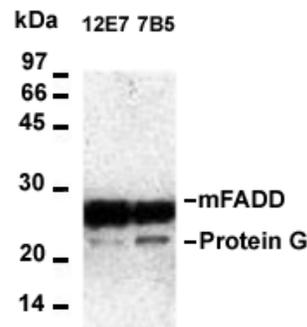


Figure 3: Immunoprecipitation (1-5 µg/mL) of mouse FADD from FDC-P1 cells (mouse myeloid cell line) expressing FLAG-FADD (mouse) with clone 12E7 (Cat. no. MC-513) and mFADD (DD) clone 7B5 (Cat. no. MC-493). Western blot was performed with a polyclonal rabbit anti-FADD serum.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.