

Anti-CD86 [BU63] Standard Size Ab00859-1.1

Developed in partnership with Ximbio (www.ximbio.com).

Isotype and Format: Mouse IgG1, Kappa

Clone Number: BU63

Alternative Name(s) of Target: B7.2; T lymphocyte activation antigen CD86; Activation B7-2 antigen; B72; B7-2; CTLA-4 counter-receptor B7.2

UniProt Accession Number of Target Protein: P42081

Published Application(s): IP, WB, FC, IHC

Published Species Reactivity: Human

Immunogen: The antibody was raised by immunising mice using the ARH-77 human B-lymphoblastoid cell line. Antibody BU63 was validated to recognise CD86.

Specificity: This antibody binds CD86, which binds CD28 on the surface of T cells and is responsible for their activation during an adaptive immune response.

Application Notes:

Antibody First Published in: Engel et al. The B7-2 (B70) Costimulatory Molecule Expressed by Monocytes and Activated B Lymphocytes Is the CD86 Differentiation Antigen Blood, Vol 84, No 5 (September I), 1994: pp 1402-1407 [PMID:7520767](https://pubmed.ncbi.nlm.nih.gov/7520767/)

Note on publication: Showed that CD86 and B2-7 protein are the same molecule. BU63 was used to validate this by showing binding to CD86. These authors did not produce BU63 for their experiments, it was provided by Dr D. L. Hardie at the Fifth International Workshop on Human Leukocyte Differentiation.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.