

Anti-Bax (active monomer) [6A7] Bulk Size Ab00120-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 6A7

Alternative Name(s) of Target: Bcl-2-like protein 4; Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4

UniProt Accession Number of Target Protein: Q07812

Published Application(s): IP, WB, IHC

Published Species Reactivity: Rat, Human, Mouse

Immunogen: KLH conjugated to peptides corresponding to amino acids 3–16 of murine Bax (CGSGEQLGSGGPTSS), amino acids 3–16 of human Bax (CGSGEQPRGGGPTSS), and amino acids 12–24 shared by Bax from both species (CGPTSSEQIMKTGA).

Specificity: In the presence of nonionic detergent, the antibody avidly binds the monomeric form of Bax, but not Bax complexed with either Bcl-XL or Bcl-2. [6A7] Bax antibody only recognizes conformationally changed active Bax.

Application Notes:

Antibody First Published in: Hsu YT, Youle RJ. Nonionic detergents induce dimerization among members of the Bcl-2 family. J Biol Chem. 1997 May 23;272(21):13829-34. [PMID:9153240](#)

Note on publication: Describes the making of the species-independent Bax monoclonal antibodies, shows it recognised monomeric form of Bax, and analysed by immunoprecipitation followed by immunoblotting.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.