

# Anti-AP2 (a&b) [A6/2/2]

**Catalogue number:** 151069

**Sub-type:** Primary antibody

**Images:** [https://res.cloudinary.com/ximbio/image/upload/c\\_fit/b6f834c0-94b5-4429-ad08-04a161e0e91d.jpg](https://res.cloudinary.com/ximbio/image/upload/c_fit/b6f834c0-94b5-4429-ad08-04a161e0e91d.jpg)

## Contributor

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**Institute:** Queen Mary University of London

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## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-AP2 (a&b) [A6/2/2]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** AP-2 is a family of developmentally regulated transcription factors which also play a role in breast cancer and melanoma. AP-2 may be important in cardiac and kidney development. The AP-2 transcription factors form the OB2 complex that has been shown to up-regulate c-erb-B2 transcription.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Peptide to C-Terminal of AP-2 Alpha coupled to KLH. PNSHTDNNAKSSDKKEEKHRK

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Raji cells or breast carcinomas.

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Activating Protein 2 (AP-2) alpha and beta forms.

**Target alternate names:**

**Target background:** AP-2 is a family of developmentally regulated transcription factors which also play a role in breast cancer and melanoma. AP-2? may be important in cardiac and kidney development. The AP-2 transcription factors form the OB2 complex that has been shown to up-regulate c-erb-B2 transcription.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; FACS ; IHC ; IF ; RIA ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:** Anti-cMyc [9E10]

## References

**References:** Mittal et al. 2013. PLoS One. 8(8):e70352. PMID: 23936412. ; Role of CTLA4 in the proliferation and survival of chronic lymphocytic leukemia. ; Mirzaei et al. 2013. Proc Natl Acad Sci U S A. 110(9):3645-50. PMID: 23388641. ; Systematic measurement of transcription factor-DNA interactions by targeted mass spectrometry identifies candidate gene regulatory proteins. ; Keyhanfar et al. 2007. Biochem J. 401(1):269-77. PMID: 16981855. ; Precise mapping of an IGF-I-binding site on the IGF-1R. ; Halm...

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