

**MOUSE ANTI-HUMAN AP-2 α / β
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	MAB3784	QUANTITY:	100 μ g
LOT NUMBER:		CONCENTRATION:	
ALTERNATE NAMES:	Transcription factor AP-2; Activating enhancer-binding protein 2; Activator protein-2	HOST/ISOTYPE:	Ms IgG ₁
CLONE NAME:	A6/2/2		
BACKGROUND:	AP-2 is a family of developmentally regulated transcription factors, which also play a role in breast cancer and melanoma. AP-2 β 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.		
SPECIFICITY:	Recognizes human AP-2 α and β forms.		
IMMUNOGEN:	Synthetic peptide corresponding to the C-terminal region of AP-2 α (PNSHTDNNAKSSDKKEEKHRK).		
APPLICATIONS:	Immunohistochemistry: fixative formal saline with calcium paraffin embedded (10min microwave treatment required) Western blot Radioimmunoassay ELISA FACS <i>Optimal working dilutions must be determined by end user.</i>		
SPECIES REACTIVITY:	Human		
CONTROL:	POSITIVE CONTROL: Raji cells or breast carcinoma		
FORMAT:	Purified immunoglobulin		
PRESENTATION:	Liquid in 0.02M phosphate buffer, 0.25M NaCl, pH 7.6, with 0.1% sodium azide		
STORAGE/HANDLING:	Maintain at 2-8°C in undiluted aliquots for up to 12 months from date of receipt.		
REFERENCES:	Gee, JMW <i>et al.</i> (1999). <i>J. Pathol.</i> 189 :514-520		

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*