

## Monoclonal Mouse Antibody to AP-2 Transcription Factor

<b>Catalog No.:</b>	Mob 333, Mob 333-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were injected with a peptide from the C-terminus of AP-2 alpha.
<b>Clone:</b>	A6/2/2
<b>Isotype:</b>	IgG1
<b>Format:</b>	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:5-1:10 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 1 mM EDTA buffer, pH 8.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody reacts with a 48 kD protein, both alpha and beta forms of AP-2 transcription factor. AP-2 genes are expressed in many human breast cancer cell lines. AP-2 binding sites are present in both c-erbB-2 and estrogen receptor promoters.
<b>Positive Control:</b>	Breast carcinoma
<b>Cellular Localization:</b>	Nuclear
<b>Storage:</b>	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
<b>References:</b>	i) Turner et al. Cancer Res 58 (23): 5466, 1998.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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