



## Mouse monoclonal antibody to human AP2-beta [3G5-1D11]: IgG

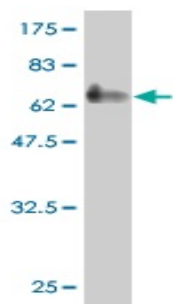
<b>Catalogue No.:</b>	M-872-100
<b>Description:</b>	AP2-beta is a sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes during early development. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3'; and activate genes involved in large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes. AP2-beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia. Binds DNA as a dimer. It can form homodimers or heterodimers with other AP-2 family members. Defects in AP2-beta are the cause of Char syndrome (CHAR) which is characterised by patent ductus arteriosus (PDA), facial dysmorphism and hand anomalies.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human AP2-beta (amino acids 12-460) with GST tag.
<b>Clone:</b>	3G5-1D11
<b>Other Names:</b>	Transcription factor AP2-beta; Activating enhancer-binding protein 2 beta; TFAP2B
<b>Accession:</b>	AP2B_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY



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Western blot detection of GST tagged recombinant human AP2-beta.

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