

## Mouse Monoclonal Antibody to TFAP2B

<b>Catalogue Number</b>	sAP-1547
<b>Target Molecule</b>	<p><b>Name:</b> TFAP2B</p> <p><b>Aliases:</b> PDA2; AP-2B; AP2-B</p> <p><b>MW:</b> 50.5kDa</p> <p><b>Entrez Gene ID:</b> 7021</p>
<b>Description</b>	<p>This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo- or hetero-dimers with other AP-2 family members and bind specific DNA sequences. They are thought to stimulate cell proliferation and suppress terminal differentiation of specific cell types during embryonic development. Specific AP-2 family members differ in their expression patterns and binding affinity for different promoters. This protein functions as both a transcriptional activator and repressor. Mutations in this gene result in autosomal dominant Char syndrome, suggesting that this gene functions in the differentiation of neural crest cell derivatives.</p>
<b>Immunogen</b>	Purified recombinant fragment of human TFAP2B (AA: 84-193) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM6E7H11
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Eur J Gynaecol Oncol. 2015;36(3):268-73.2.Hum Hered. 2013;75(2-4):213-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**