

**bsm-54286R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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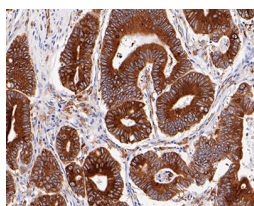
sales@bioss.com.cn

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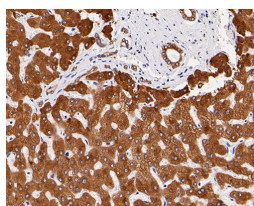
400-901-9800

**TGF alpha Recombinant Rabbit mAb****— DATASHEET —**

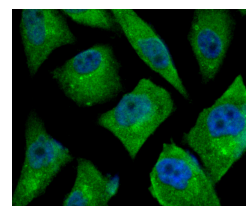
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:200-1000) <b>IHC-P</b> (1:50-500) <b>IHC-F</b> (1:400-800) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:50-200)  <b>Reactivity:</b> Human, Rat  <b>Predicted MW.:</b> 17 kDa  <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cell membrane
<b>Clonality:</b> Recombinant		
<b>GeneID:</b> 7039	<b>SWISS:</b> P01135	
<b>Target:</b> TGF alpha		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].		

**— VALIDATION IMAGES —**

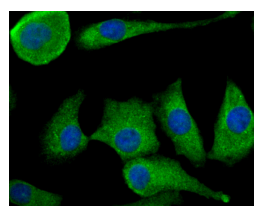
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-TGF alpha antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-TGF alpha antibody. Counter stained with hematoxylin.



ICC staining TGF alpha in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TGF alpha in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.