

## TDGF1 Ab

[Images\(1\)](#)

Cat.#: BF0656	Concn.: ~1mg/ml	Mol.Wt.: 21kDa
Size:	Source: Mouse	Clonality: Monoclonal
Application:	ELISA 1:10000, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human TDGF1 expressed in E. Coli.	
Uniprot:	P13385	
Description:	This gene encodes an epidermal growth factor-related protein that contains a cripto, FRL-1, and cryptic domain. The encoded protein is an extracellular, membrane-bound signaling protein that plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. The cripto gene is expressed both in ES cells and during the early phases of embryo development, while in adults it is reactivated in a wide range of epithelial cancers. It could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm. Tissue specificity: Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.	

Figure 1: Western blot analysis using TDGF1 mAb against HEK293 (1) and TDGF1(AA: 31-188)-hIgGFc transfected HEK293 (2) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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