

Recombinant

DGRmAb®

## Transglutaminase 2 (DGR20027) Rabbit mAb (PBS Only)

db11259-PBS

Package : 100µg

**Product Name** : Transglutaminase 2 (DGR20027) Rabbit mAb (PBS Only)**Cat.No.:** db11259-PBS**Synonyms** : TGC; TG(C)**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Transglutaminase 2

**Gene ID**

7052

**Swiss Prot**

P21980

**Synonyms**

TGC; TG(C)

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

ICC/IF: 1:2000-1:10000

**Calculated MW**

77 kDa

**Observed MW**

77 kDa

**Host species**

Rabbit

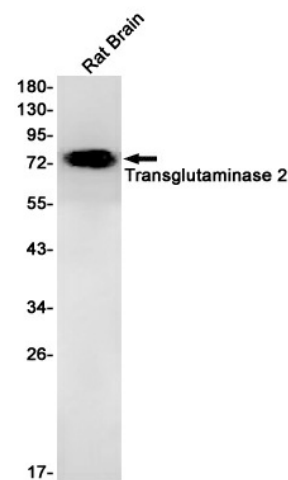
**Clonality**

Monoclonal

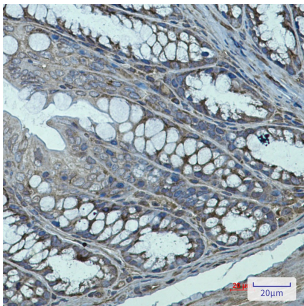
**Clonality No.**

DGR20027

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Transglutaminase 2 in Rat Brain lysates using [db11259](#)(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded mouse colon using [db11259](#)