



**KAL-KB507**

For research use only

# Anti Human GPRC5C Polyclonal Antibody

**Code No.** KB507  
**Target** GPRC5C  
**Category** GPCR  
**Gene ID** 55890  
**Primary Source** HGNC:13309  
**Synonyms** RAIG3; RAIG-3; MGC131820; GPRC5C

**Type** Polyclonal Antibody  
**Immunogen** Recombinant protein of full length Human GPRC5C

**Raised in** Mouse  
**Myeloma** -  
**Clone number** -  
**Purification** Protein A purified  
**Source** Mouse Serum

**Isotype** -  
**Cross Reactivity** -

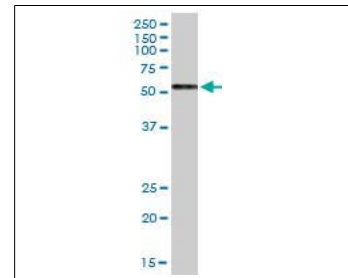
**Label** Unlabeled  
**Concentration** 1 mg/mL  
**Contents (Volume)** 50 µg  
**Buffer** PBS, pH 7.2

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

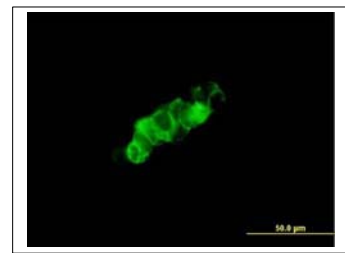
**Application** WB,IF,FCM

	ELISA	WB	IHC	ICC
	-	1.0	-	-
	IP	FCM	IF	Neutralization
	-	1.0	1.0	-

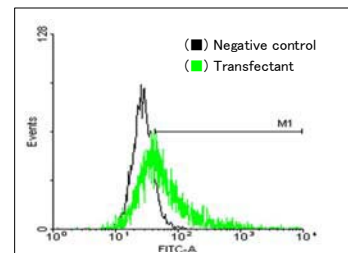
(µg/mL)



[WB] GPRC5C transfected 293T cell lysate



[IF] 293 cell



[FCM] GPRC5C expressing 293 cells

## Reference

- Robbins M.J., et al. "Molecular cloning and characterization of two novel retinoic acid-inducible orphan G-protein-coupled receptors (GPRC5B and GPRC5C)." *Genomics* 67:8-18(2000)
- Braeuner-Osborne H., et al. "Cloning and characterization of a human orphan family C G-protein coupled receptor GPRC5D." *Biochim. Biophys. Acta* 1518:237-248(2001)
- Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." *Nat. Genet.* 36:40-45(2004)

## UniPlot Summary

//Function: This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways.

//Subcellular location: Cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Note: Localized in the plasma membrane and perinuclear vesicles.

//Tissue specificity: Expression is highest in the periphery, particularly in the stomach, but also in the kidney, liver, pancreas, and prostate. In brain, levels of expression are generally lower than in the periphery, with the exception of cerebellum, spinal cord, and dorsal root ganglia (DRG).

//Sequence similarities: Belongs to the G-protein coupled receptor 3 family.

Manufactured by TransGenic Inc.



COSMO BIO CO., LTD.  
Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN  
<http://www.cosmobio.co.jp> e-mail : [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)  
 Phone : +81-3-5632-9617 FAX : +81-3-5632-9618