

For Research Use Only

KIAA2013 Monoclonal antibody, PBS Only

Catalog Number: 68245-1-PBS



Basic Information

Catalog Number: 68245-1-PBS	GenBank Accession Number: BC035033	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 90231	CloneNo.: 4G6C4
Source: Mouse	UNIPROT ID: Q8IYS2	
Isotype: IgG2b	Full Name: KIAA2013	
Immunogen Catalog Number: AG27438	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, rat

Background Information

KIAA2013, also known as Q8IYS2 or MGC33867, is a single-pass transmembrane protein encoded by the KIAA2013 gene in humans. KIAA2013 has been found to play a role in the Endocannabinoid system. This system is made up of cannabinoid receptors 1 and 2 (CB1 and CB2) as well as the various ligands and enzymes that interact. The protein KIAA2013 has been found to be expressed within CB2 expressing cells. Both cannabinoid receptors are labeled as class A G-Protein Coupled Receptors, and CB2 is highly expressed within the human spleen and leukocytes. CB2, and by extension KIAA2013, are therefore targets of interest for therapeutic studies looking into diseases such as inflammatory bowel disease and rheumatoid arthritis(PMID:31616248 34752341).

Storage

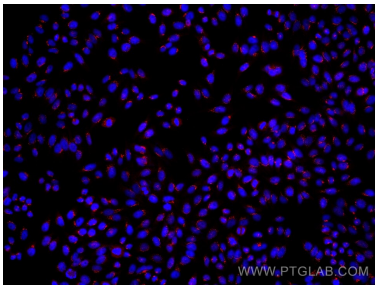
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

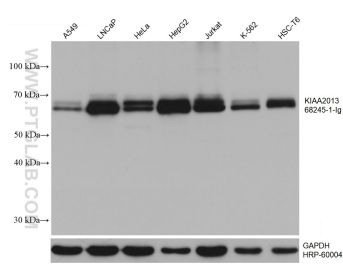
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

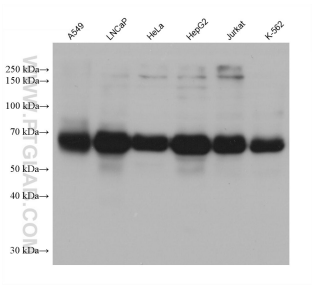
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using KIAA2013 antibody (68245-1-Ig, Clone: 4G6C4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004). This data was developed using the same antibody clone with 68245-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68245-1-Ig (KIAA2013 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68245-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68245-1-Ig (KIAA2013 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68245-1-PBS in a different storage buffer formulation.