

For Research Use Only

KIAA2013 Recombinant monoclonal antibody, PBS Only

Catalog Number:87068-4-PBS



Basic Information

Catalog Number: 87068-4-PBS	GenBank Accession Number: BC035033	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 90231	CloneNo.: 252306A2
Source: Rabbit	UNIPROT ID: Q8IYS2	
Isotype: IgG	Full Name: KIAA2013	
Immunogen Catalog Number: AG27379	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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, pH7.3

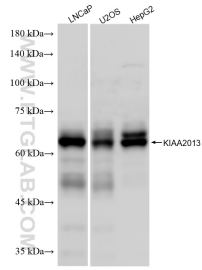
For technical support and original validation data for this product please contact:

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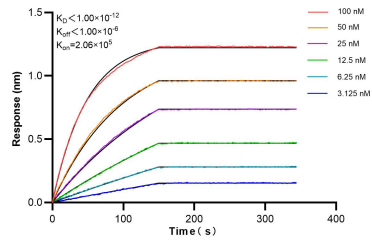
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87068-4-RR (KIAA2013 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87068-4-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 87068-4-RR against Human KIAA2013 were performed. The affinity constant is below 1 pM.