

For Research Use Only

KIAA2013 Recombinant monoclonal antibody

Catalog Number:87068-4-RR



Basic Information

Catalog Number: 87068-4-RR	GenBank Accession Number: BC035033	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 90231	CloneNo.: 252306A2
Isotype: IgG	UNIPROT ID: Q8IYS2	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG27379	Full Name: KIAA2013	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

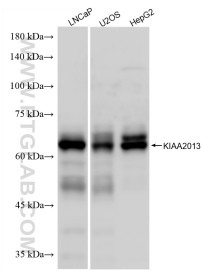
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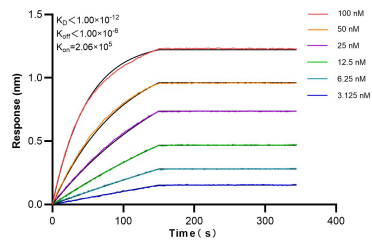
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Selected Validation Data



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.



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