

For Research Use Only

ECSIT Recombinant antibody

Catalog Number: 83295-1-RR



Basic Information

Catalog Number: 83295-1-RR	GenBank Accession Number: BC008279	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 51295	CloneNo.: 240223A7
Source: Rabbit	UNIPROT ID: Q9BQ95	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ECSIT homolog (Drosophila)	
Immunogen Catalog Number: AG26898	Calculated MW: 49 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, K-562 cells, A549 cells, HepG2 cells, HEK-293 cells
Species Specificity: Human	

Background Information

ECSIT is a cytosolic adaptor protein associated with the toll-like receptor pathway. It has a distinct N-terminal mitochondrial targeting sequence, pentatricopeptide repeat motif, and a C-terminal pleckstrin homology domain. ECSIT regulates many biological processes like embryonic development, inflammation, cardiac function, and assembly of mitochondrial complex I. In macrophages, the activation of TLRs by inflammatory signals promotes the translocation of TRAF6 to mitochondria where it engages ECSIT to stimulate the production of mitochondrial reactive oxygen species (ROS).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

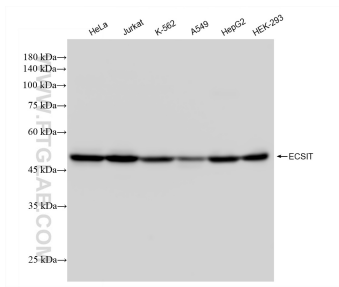
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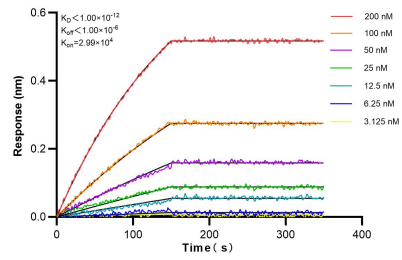
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83295-1-RR (ECSIT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83295-1-RR against Human ECSIT were performed. The affinity constant is below 1 pM.