

For Research Use Only

FOXN2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83899-2-PBS



Basic Information

Catalog Number: 83899-2-PBS	GenBank Accession Number: BC063305	Purification Method: Protein A purification
Size: 100ug , Concentration: 1000 µg/ml by 3344 Nanodrop;	GeneID (NCBI): UNIPROT ID: P32314	CloneNo.: 240896C8
Source: Rabbit	Full Name: forkhead box N2	
Isotype: IgG	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG5126	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83899-2-PBS targets FOXN2 as part of a matched antibody pair:

MP00842-3: 83899-2-PBS capture and 83899-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Forkhead box N2 (FOXN2), a member of the FOX transcription factor family, has been found to play key roles in various types of human cancers. A recent report has indicated that FOXN2 is downregulated and serves as a tumor suppressor in T-cell leukemia. Moreover, downregulation of FOXN2 is closely associated with adverse prognosis in adult glioblastoma multiforme treated with radiotherapy or chemotherapy. (PMID: 30655703)

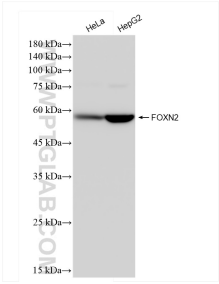
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

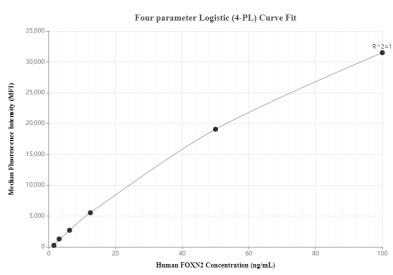
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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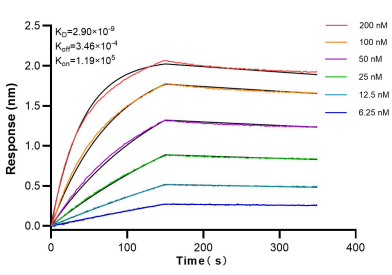
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83899-2-RR (FOXN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83899-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00842-3, FOXN2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83899-2-PBS. Detection antibody: 83899-4-PBS. Standard: Ag5126. Range: 1.563-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83899-2-RR against Human FOXN2 were performed. The affinity constant is 2.90 nM.