

For Research Use Only

DNA Recombinant monoclonal antibody

Catalog Number: 85854-1-RR



Basic Information

Catalog Number:

85854-1-RR

GenBank Accession Number:

GeneID (NCBI):

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Full Name:

Source:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

CloneNo.:

250864A1

Recommended Dilutions:

IHC: 1:800-1:3200

FC (Intra): 0.2 ug per 10⁶ cells in a 100 µl suspension

Dot Blot: 1:50-1:500

Applications

Tested Applications:

IHC, FC (Intra), Dot Blot, ELISA

Species Specificity:

n/a

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human placenta tissue, human ovary tumor tissue, human tonsillitis tissue

FC (Intra) : HeLa cells,

Dot Blot : N/A,

Background Information

DNA antibodies are a type of antibody that can specifically bind to DNA and are mainly used to detect and study DNA-related biological processes. This antibody can recognize single-stranded DNA and double-stranded DNA (including linear DNA and circular DNA).

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

*** 20ul sizes contain 0.1% BSA

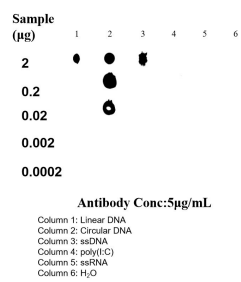
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

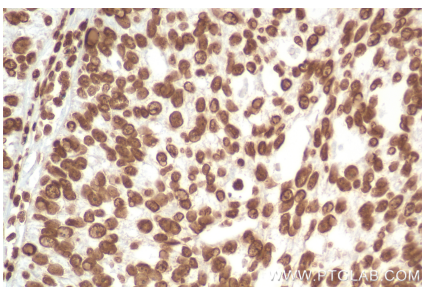
E: proteintech@ptglab.com
W: ptglab.com

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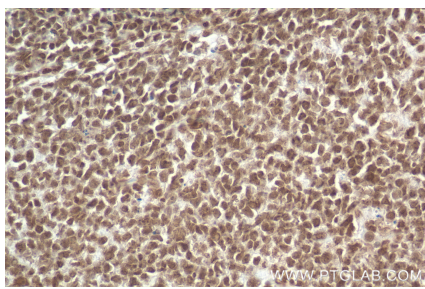
Selected Validation Data



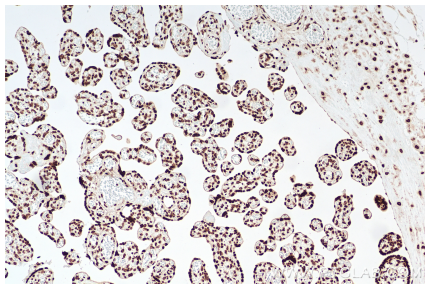
Dot blot analysis was used to confirm the specificity of 85854-1-RR anti-DNA antibody. samples were spotted onto NC and probed with antibody at 5 µg/mL. The amount of sample (µg) spotted is indicated next to each row.



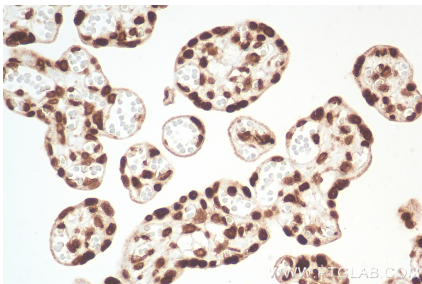
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 85854-1-RR (Anti-DNA antibody) at dilution of 1:1600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



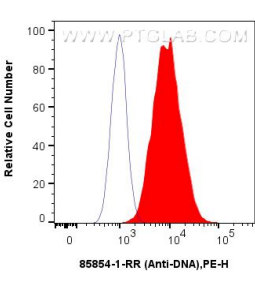
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 85854-1-RR (Anti-DNA antibody) at dilution of 1:1600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85854-1-RR (Anti-DNA antibody) at dilution of 1:1600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 85854-1-RR (Anti-DNA antibody) at dilution of 1:1600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ HeLa cells were intracellularly stained with 0.2 µg N/a Anti-DNA Recombinant Antibody (85854-1-RR, Clone:250864A1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.2 µg Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.