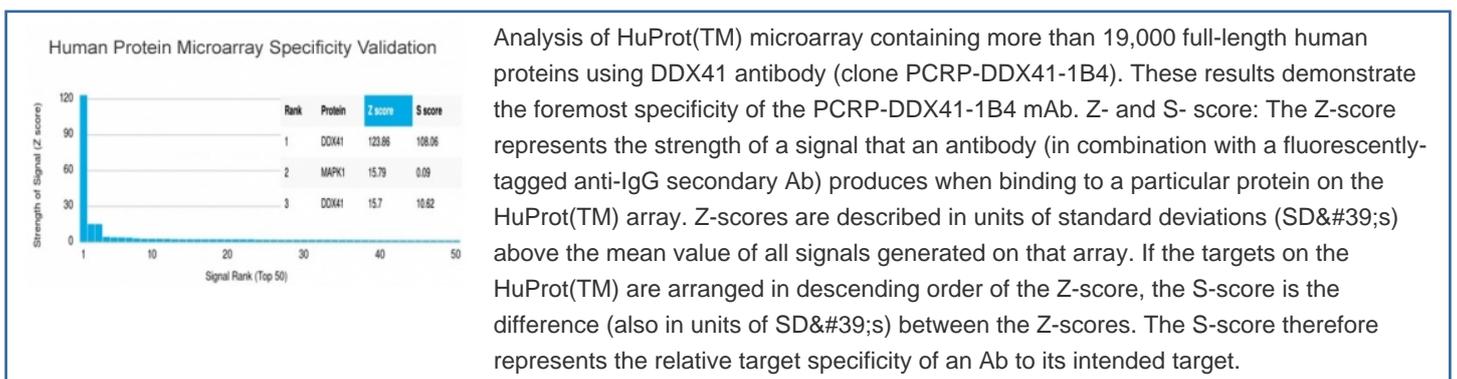


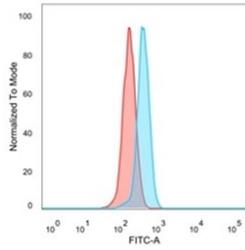
DDX41 Antibody [clone PCR-PCR-DDX41-1B4] (V9206)

Catalog No.	Formulation	Size
V9206-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9206-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9206SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

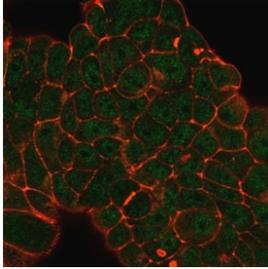
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCR-PCR-DDX41-1B4
Purity	Protein A/G affinity
UniProt	Q9UJV9
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Western Blot : 1-2ug/ml Immunofluorescence : 1-2ug/ml
Limitations	This DDX41 antibody is available for research use only.

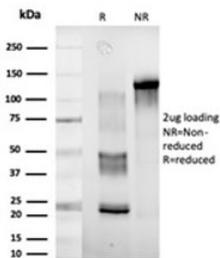




FACS staining of PFA-fixed human HeLa cells with DDX41 antibody (blue, clone PCRP-DDX41-1B4), and unstained cells (red).



Immunofluorescent staining of PFA-fixed human MCF-7 cells using DDX41 antibody (green, clone PCRP-DDX41-1B4) and phalloidin (red).



SDS-PAGE analysis of purified, BSA-free DDX41 antibody (clone PCRP-DDX41-1B4) as confirmation of integrity and purity.

Description

DDX41 (Probable ATP-dependent RNA helicase DDX41, DEAD box protein abstract homolog) is a 622 amino acid protein encoded by the human gene DDX41. DDX41 belongs to the DEAD box helicase family (DDX41 subfamily) and contains one CCHC-type zinc finger, one helicase ATP-binding domain and one helicase C-terminal domain. DDX41 is required during post-transcriptional gene expression and is thought to be involved in pre-mRNA splicing. DDX41 is believed to be a probable ATP-dependent RNA helicase. RNA helicases are highly conserved enzymes that utilize the energy derived from NTP hydrolysis to modulate the structure of RNA. RNA helicases participate in all biological processes that involve RNA, including transcription, splicing and translation.

Application Notes

Optimal dilution of the DDX41 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human DDX41 protein was used as the immunogen for the DDX41 antibody.

Storage

Aliquot the DDX41 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

