

Product Datasheet

CtIP Antibody (19E8) - Azide and BSA Free NBP1-41205

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-41205

CtIP Antibody (19E8) - Azide and BSA Free

| Product Information | |
|-------------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 19E8 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS, 20% Glycerol |
| Target Molecular Weight | 125 kDa |

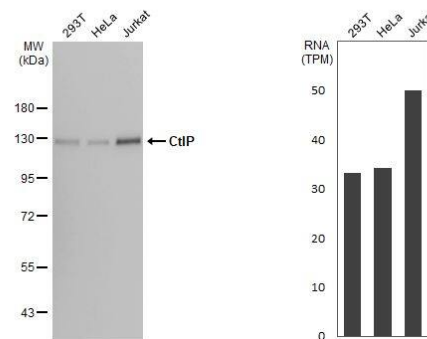
| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Mouse CtIP Antibody (19E8) - Azide and BSA Free (NBP1-41205) is a monoclonal antibody validated for use in WB, ICC/IF, IP and ChIP. Anti-CtIP Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 5932 |
| Gene Symbol | RBBP8 |
| Species | Human, Mouse |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Specificity/Sensitivity | This antibody will recognize human CtIP. |
| Immunogen | Human CtIP |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP) |
| Application Notes | ChIP and IP usages reported in scientific literature. WB 3% Milk/TBST overnight. IP, Chip, PLA Assay dependent. |



Images

Western Blot: CtIP Antibody (19E8) [NBP1-41205] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CtIP antibody [19E8] diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.

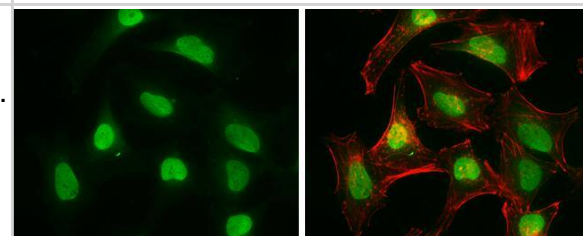


CtIP antibody [19E8] detects CtIP protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CtIP protein stained by CtIP antibody [19E8] (NBP1-41205) diluted at 1:100.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.



Publications

Liao CC, Tsai CY, Chang WC et al. RB-E2F1 complex mediates DNA damage responses through transcriptional regulation of ZBRk1. *J Biol Chem* 2010-10-01 [PMID: 20713352] (Chemotaxis, IP, WB, Mouse, Human)

Wu M, Soler DR, Abba MC et al. CtIP silencing as a novel mechanism of tamoxifen resistance in breast cancer. *Mol Cancer Res* 2007-12-01 [PMID: 18171986] (WB, Chemotaxis, IP, Mouse, Human)

Liu F, Lee WH. CtIP activates its own and cyclin D1 promoters via the E2F/RB pathway during G1/S progression. *Mol Cell Biol* 2006-04-01 [PMID: 16581787] (Chemotaxis, WB, IP, Mouse, Human)



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Products Related to NBP1-41205

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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