

# 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**

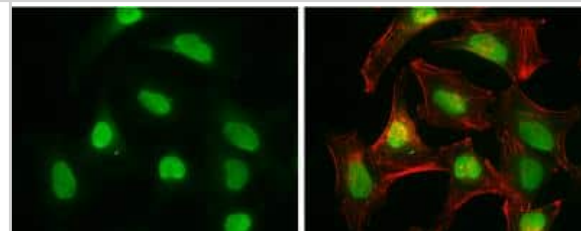
CtIP Antibody (19E8) - Azide and BSA Free

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 100 ul  |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 19E8  |
| <b>Preservative</b>                | No Preservative   |
| <b>Isotype</b>                     | IgG1  |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | PBS   |
| <b>Target Molecular Weight</b>     | 125 kDa   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 5932  |
| <b>Gene Symbol</b>                 | RBBP8   |
| <b>Species</b>                     | Human, Mouse  |
| <b>Reactivity Notes</b>            | 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. |
| <b>Specificity/Sensitivity</b>     | This antibody will recognize human CtIP.  |
| <b>Immunogen</b>                   | Human CtIP  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP)  |
| <b>Recommended Dilutions</b>       | Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP)  |
| <b>Application Notes</b>           | ChIP and IP usages reported in scientific literature. WB 3% Milk/TBST overnight. IP, Chip, PLA Assay dependent.   |

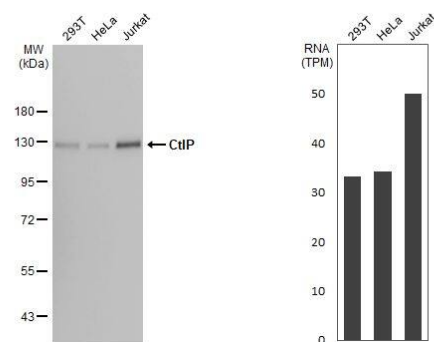


## Images

Immunocytochemistry/Immunofluorescence: CtIP Antibody (19E8) [NBP1-41205] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CtIP protein stained by CtIP antibody [19E8] diluted at 1:100. Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.



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.



## 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**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP2-55651PEP    | CtIP Recombinant Protein Antigen                        |

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### **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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