

## Datasheet for ABIN7605080 **anti-NDC80 antibody**

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### Overview

|              |                                                 |
|--------------|-------------------------------------------------|
| Quantity:    | 100 µL                                          |
| Target:      | NDC80                                           |
| Reactivity:  | Human, Mouse, Rat                               |
| Host:        | Rabbit                                          |
| Clonality:   | Monoclonal                                      |
| Conjugate:   | This NDC80 antibody is un-conjugated            |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-HEC1 NDC80 Monoclonal Antibody                                                                                                                                                                                                                                                                                                       |
| Immunogen:       | A synthesized peptide derived from human HEC1 Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore. |
| Clone:           | ACBI-14                                                                                                                                                                                                                                                                                                                                   |
| Isotype:         | IgG                                                                                                                                                                                                                                                                                                                                       |
| Characteristics: | Anti-HEC1 NDC80 Monoclonal Antibody (ABIN7605080). Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.                                                                                                                                                                                                            |
| Purification:    | Affinity-chromatography                                                                                                                                                                                                                                                                                                                   |

## Target Details

|                   |                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | NDC80                                                                                                                                                                                                                                                                               |
| Alternative Name: | NDC80 ( <a href="#">NDC80 Products</a> )                                                                                                                                                                                                                                            |
| Background:       | Synonyms: Eukaryotic translation initiation factor 5A-1,eIF-5A-1,eIF-5A1,Eukaryotic initiation factor 5A isoform 1,eIF-5A,Rev-binding factor,eIF-4D,EIF5A,<br>Tissue Specificity: Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level). . |
| Molecular Weight: | 68 kDa                                                                                                                                                                                                                                                                              |
| UniProt:          | <a href="#">O14777</a>                                                                                                                                                                                                                                                              |
| Pathways:         | <a href="#">Maintenance of Protein Location</a>                                                                                                                                                                                                                                     |

## Application Details

|                    |                             |
|--------------------|-----------------------------|
| Application Notes: | WB 1:1000-1:5000<br>IP 1:50 |
| Restrictions:      | For Research Use only       |

## Handling

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                     |
| Reconstitution:    | Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL                                                           |
| Concentration:     | Lot specific                                                                                                                               |
| Buffer:            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.                    |
| Preservative:      | Sodium azide                                                                                                                               |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                     |
| Storage:           | 4 °C,-20 °C                                                                                                                                |
| Storage Comment:   | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |