EB05610 - Goat Anti-HEC1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: NDC80, HEC1, HEC, highly expressed in cancer, rich in leucine heptad repeats, HEC-1, KNTC2, NDC80 homolog, kinetochore complex component (S. cerevisiae), TID3, hsNDC80, kinetochore associated 2
Official Symbol: NDC80
Accession Number(s): NP_006092.1
Human GeneID(s): 10403

Immunogen
Peptide with sequence C-YEKKATLIKSSEE, from the C Terminus of the protein sequence according to NP_006092.1.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
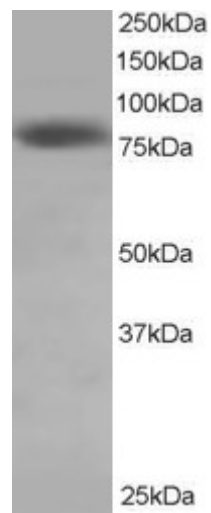**Peptide ELISA:** antibody detection limit dilution 1:32000.
Western blot: Approx 75-80kDa band observed in Hela lysate (predicted MW of 74kDa according to NP_006092). Recommended for use at 0.5-2µg/ml.
IHC: Paraffin embedded Human Liver and Adrenal Gland. Recommended concentration: 5µg/ml.
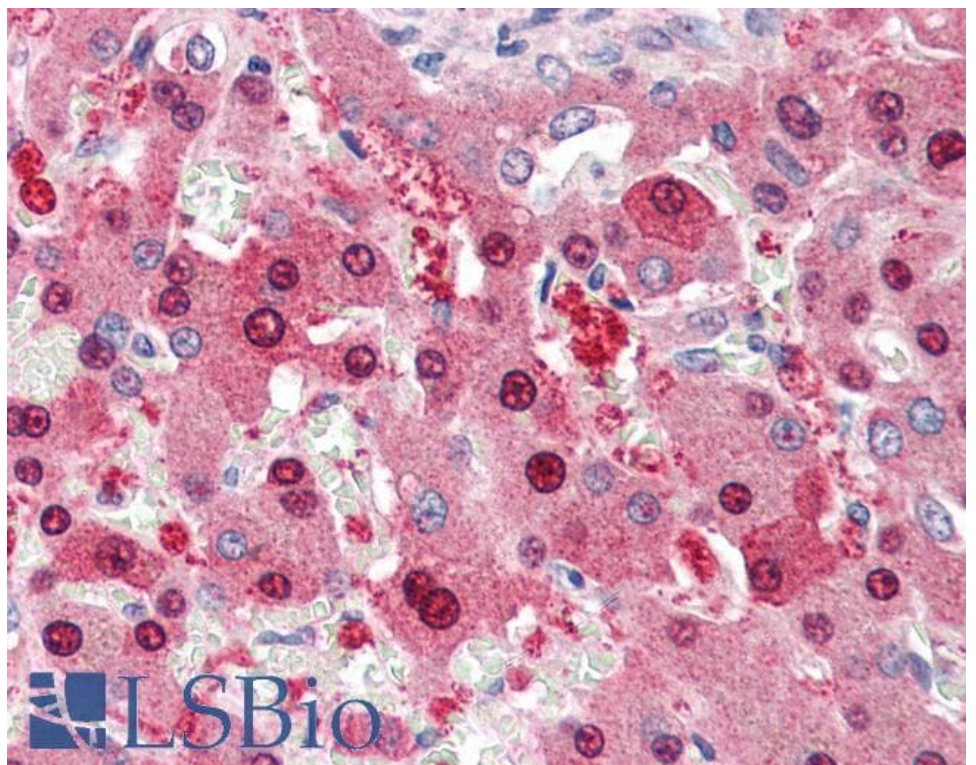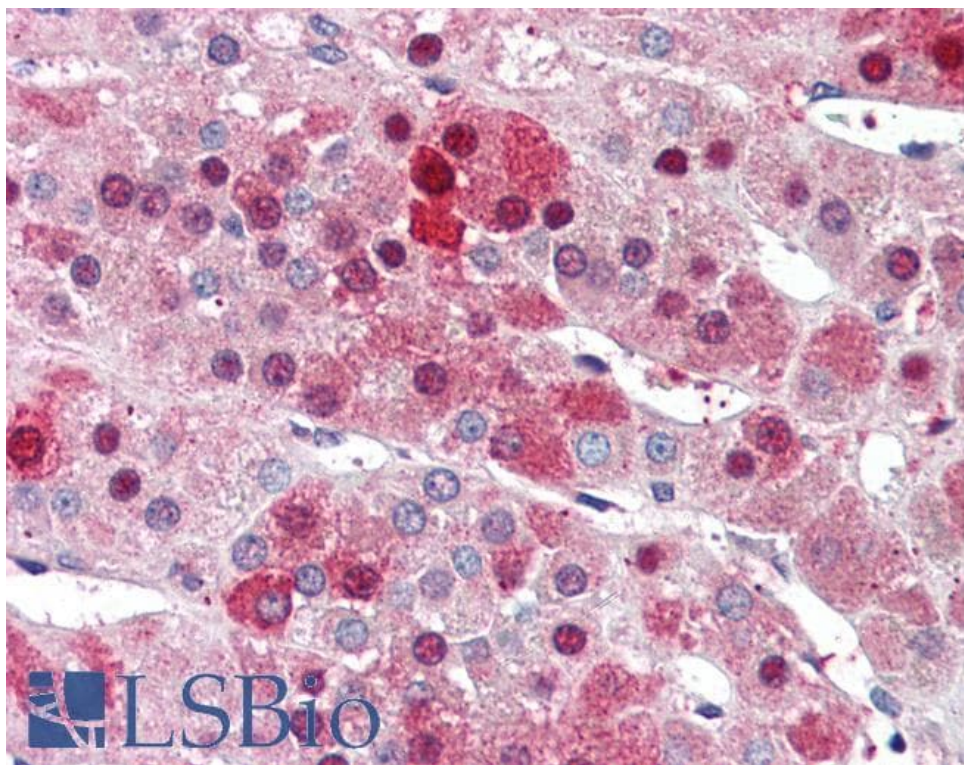
Species Reactivity
Tested: Human
Expected from sequence similarity: Human

EB05610 staining (0.5µg/ml) of Hela lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB05610 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB05610 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.