

## Anti-Coat nucleoporin [57] Standard Size Ab02954-10.0

This reformatted human antibody was made using the variable domain sequences of the original Human Fab format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** 57

**Alternative Name(s) of Target:** Nucleoporin NUP145; Nuclear pore protein NUP145; Nucleoporin NUP145N; N-NUP145; Nucleoporin NUP145C; C-NUP145; Nucleoporin NUP85; Nuclear pore protein NUP85 Nucleoporin NUP85; Nucleoporin SEH1; Nuclear pore protein SEH1; SEC13 homolog 1

**UniProt Accession Number of Target Protein:** P49687; P46673; P53011

**Published Application(s):** ELISA

**Published Species Reactivity:** *Saccharomyces cerevisiae*

**Immunogen:** The original antibody was generated by panning against CNC subunits.

**Specificity:** The antibody interacts Seh1•Nup85•Nup145C1-123.

**Application Notes:** The specificity of the antibody was tested against the assembled biotinylated yeast CNC, as well as individual biotinylated subunits using a single point competitive ELISA assay.

**Antibody First Published in:** Stuwe et al. Architecture of the nuclear pore complex coat. Science. 2015 Mar 6; 347(6226): 1148-1152. [PMID:25745173](#)

**Note on publication:** The paper describes the crystal structure of a reconstituted coat nucleoporin complex (CNC) from *S. cerevisiae*.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.