

## NPM1

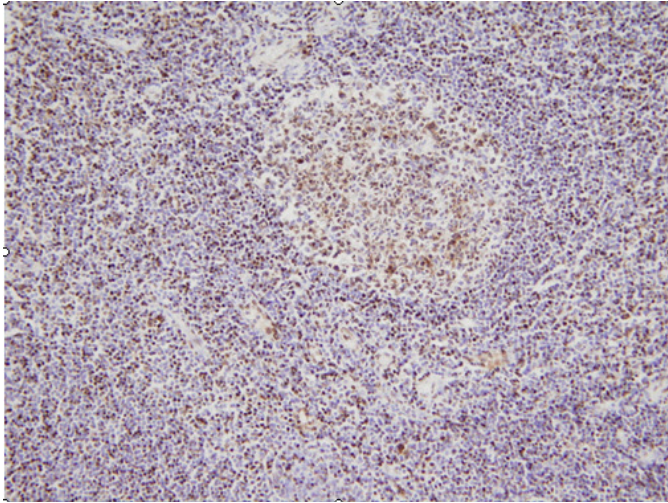
### Mouse Anti-Human NPM Clone 5E3 mAb

<b>Catalog No.</b>	CS115575A CS115575B	<b>Quantity:</b>	50 µl 100 µl
<b>Alternate Names:</b>	B23, MGC104254, NPM, nucleolar phosphoprotein B23, nucleophosmin 1, nucleophosmin/nucleoplasmin family, member 1, numatrin		
<b>Description:</b>	Nucleophosmin (NPM; also known as B23, NO38, or numatrin) is a nucleolar phosphoprotein that binds the tumor suppressors p53 and p19Arf and is thought to be indispensable for ribogenesis, cell proliferation, and survival after DNA damage. Nucleophosmin is upregulated in many cancer cells.		
<b>Concentration:</b>	1 mg/ml		
<b>Gene ID:</b>	4869		
<b>Protein Accession No.:</b>	NP_002511		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human NPM (81-294 aa) purified from <i>E. coli</i>		
<b>Isotype:</b>	Mouse IgG <sub>2b</sub> heavy chain and k light chain		
<b>Clone:</b>	Anti-human NPM mAb, clone 5E3, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NPM protein.		
<b>Conjugate:</b>	unconjugated		
<b>Formulation:</b>	Liquid. Supplied in Phosphate-Buffered Saline (pH 7.4) with 0.1% Sodium Azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	By protein-G affinity chromatography		
<b>Cross-Reactivity:</b>	Human		
<b>Applications:</b>	ELISA, WB (Cell lysate), Immunohistochemistry		
<b>Application Notes:</b>	The antibody has been tested by ELISA, Western blot and Immunohistochemical analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.		

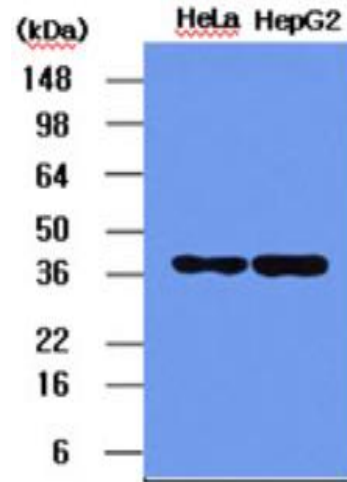


**Storage & Stability:** Can be stored at +4°C. For long term storage, aliquot and store at -20°C. **Avoid repeated freezing and thawing cycles.**

This image shows paraffin-embedded human palatine tonsil tissue sample stained with anti-NPM antibody (5E3) at 1:100 dilution.



The HeLa and HepG2 cell lysates (5ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NPM (1:1,000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**