

32-6248: Recombinant Human Xeroderma Pigmentosum, Complementation Group A(Clone: PAT37C5AT)

Clonality :	Monoclonal
Clone Name :	PAT37C5AT
Application :	ELISA, WB
Gene :	XPA
Gene ID :	7507
Uniprot ID :	P23025
Format :	Purified
Alternative Name :	XP1, XPAC, DNA repair protein complementing XP-A cells.
Isotype :	Mouse IgG3 heavy chain and k light chain.
Immunogen Information :	Anti-human XPA mAb, clone PAT37C5AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human XPA protein 1-273 amino acids purified from E. coli.

Description

DNA repair protein complementing XP-A cells, (XPA), is a member of the XPA family. XPA protein takes a part in DNA excision repair. It Inductees repair by binding to damaged sites with different affinities depending on the photoproduct and the transcriptional state of the region. Defects in XPA is the reason of xeroderma pigmentosum complementation group A (XP-A), which is infrequent human autosomal recessive disease which characterized by solar sensitivity, high predisposition for developing cancers on areas exposed to sunlight, also may cause to neurological abnormalities.

Product Info

Amount :	20 µg
Purification :	XPA antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.