

XG Human

*XG Blood Group Human Recombinant
RCP2589*

Product Overview

Name XG Human

Description

XG Blood Group Human Recombinant

Accession (Primary) [P55808](#)

Immunogen

Anti-human XPA mAb, clone PAT71H3, 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.

Synonyms

XP1, XPAC, DNA repair protein complementing XP-A cells.

Introduction

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.

Physical Appearance

Sterile filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

Applications

The antibody has been tested by ELISA, Western blot analysis, ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Type

Mouse Anti Human Monoclonal.

Clone

PAT71H3AT.

Ig Subclass

Mouse IgG1 heavy chain and k light chain.

Purification Method

XPA antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

XG Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P55808](#))
