

Polyclonal Antibody to XMRV Env - Aff - Purified

- Alternate names:** Env polyprotein, Envelope glycoprotein, Xenotropic murine leukemia virus-related virus, env
- Catalog No.:** AP22403PU-S
- Quantity:** 0.1 ml
- Background:** Xenotropic murine leukemia virus-related virus (XMRV) is a newly recognized human retrovirus first identified in prostate cancer tissues from men with a deficiency in the innate immunity gene RNASEL. At present, studies have detected XMRV DNA and protein in prostate cancer at widely different rates and in patients with chronic fatigue syndrome. The XMRV protein is synthesized in the Golgi by host cells.
- Host / Isotype:** Rabbit / IgG
- Immunogen:** Synthetic peptide near N-terminus of XMRV envelope protein.
- Format:** **State:** Liquid purified Ig fraction.
Purification: Immunoaffinity Chromatography.
Buffer System: PBS, pH 7.6 with 1% BSA as stabilizer and 0.09% Sodium Azide as preservative.
- Applications:** Immunohistochemistry on Paraffin Sections: 1/100 for 10 min at RT.
Staining of formalin-fixed tissues requires boiling tissue sections in EDTA buffer for 10 min followed by cooling at RT for 20 min.
Positive Control: Prostate carcinoma with XMRV infection.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
- Specificity:** This antibody recognizes XMRV Envelope.
Cellular Localization: Cytoplasm and membrane.
- Species Reactivity:** **Tested:** Human.
Expected from sequence similarity: Rat.
- Add. Information:** **Molecular Weight:** 69-75kDa
- Storage:** Store the antibody undiluted at 2-8°C.
DO NOT FREEZE!
Shelf life: one year from despatch.

Pictures:

AP22403PU-N XMRV antibody staining of Human prostate adenocarcinoma.

