Anti-XPR1 antibody

Cat. No.	ml152188
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-XPR1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human XPR1
Reactivity	Human, Mouse
Content	1.73 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	XPR1
Full name	xenotropic and polytropic retrovirus receptor 1
Synonyms	X3; SYG1
Swissprot	Q9UBH6

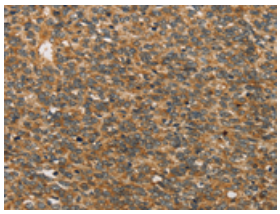
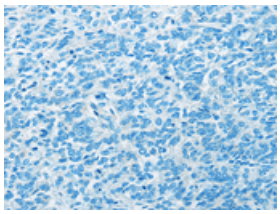
Target Background

Xenotropic mouse leukemia viruses (X-MLVs) are broadly infectious for mammals except most of the classical strains of laboratory mice. These gammaretroviruses rely on the XPR1 receptor for entry, and the unique resistance of laboratory mice is due to two mutations in different putative XPR1extracellular loops. Cells from avian species differ in susceptibility to X-MLVs, and 2 replacement mutations in the virus-resistant chicken XPR1 distinguish it from the more permissive duck and quail receptors.

Applications

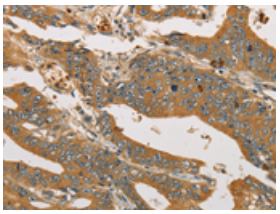
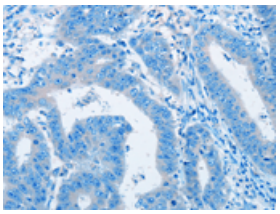
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human ovarian cancer
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml152188(XPR1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human gastric cancer
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml152188(XPR1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-5000