

Product datasheet

Anti-Bovine Papilloma Virus E2 antibody [1E2] ab979

1 References 1 Image

Overview

Product name	Anti-Bovine Papilloma Virus E2 antibody [1E2]
Description	Mouse monoclonal [1E2] to Bovine Papilloma Virus E2
Host species	Mouse
Tested applications	Suitable for: WB, IP, ICC/IF
Species reactivity	Reacts with: Cow
Immunogen	Mapped to amino acids 182-190
Epitope	TTGHYSVRD

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 50% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	1E2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab979** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 45 kDa.
IP		Use at an assay dependent concentration.
ICC/IF		1/500 - 1/1000.

Target

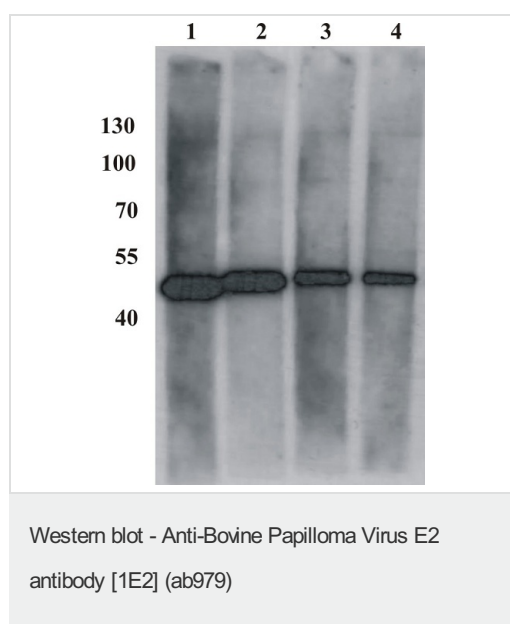
Relevance

The bovine papilloma virus E2 protein is the master regulator of papillomavirus replication and transcription. Binds to the E2RE response element (5'-ACCNNNNNNGGT-3') present in multiple copies in the regulatory region. Can either activate or repress transcription depending on E2RE's position with regards to proximal promoter elements. Repression occurs by sterically hindering the assembly of the transcription initiation complex. The E1-E2 complex binds to the origin of DNA replication.

Cellular localization

Host cell nucleus

Images



Lane 1 : Anti-Bovine Papilloma Virus E2 antibody [1E2] (ab979) at 1/500 dilution

Lane 2 : Anti-Bovine Papilloma Virus E2 antibody [1E2] (ab979) at 1/1000 dilution

Lane 3 : Anti-Bovine Papilloma Virus E2 antibody [1E2] (ab979) at 1/4000 dilution

Lane 4 : Anti-Bovine Papilloma Virus E2 antibody [1E2] (ab979) at 1/6000 dilution

All lanes : Cos7 cell lysate

Predicted band size: 45 kDa

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