

Product datasheet

Anti-Bovine Papilloma Virus E2 antibody [1H10] ab77174

[2 References](#) [1 Image](#)

Overview

Product name	Anti-Bovine Papilloma Virus E2 antibody [1H10]
Description	Mouse monoclonal [1H10] to Bovine Papilloma Virus E2
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Other species
Immunogen	Recombinant full length Bovine Papillomavirus E2-protein expressed in E Coli.
Epitope	Mapped to amino acids 208-218 (RPDGVWVASEG)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	1H10
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab77174** 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		

Application	Abreviews	Notes
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ICC/IF

Application notes

ICC/IF: 1/1000 for 1 hour at RT, in PBS with 1% BSA.
 WB: 1/1000 - 1/5000 for 1 hour at RT, in TBST with 2% non-fat dry milk. Predicted molecular weight: 45 kDa.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

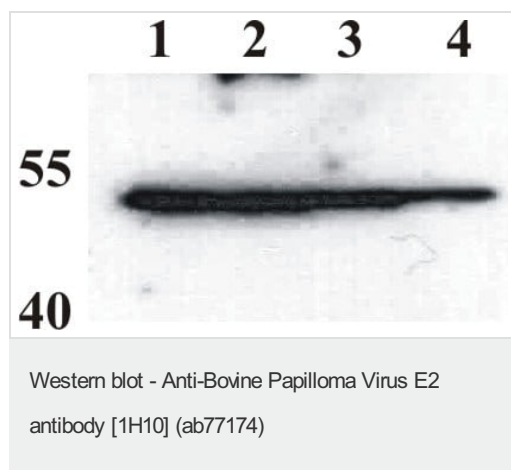
Relevance

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



All lanes : Anti-Bovine Papilloma Virus E2 antibody [1H10] (ab77174)

Lane 1 : Recombinant purified Bovine Papillomavirus E2 protein at 10000 µg

Lane 2 : Recombinant purified Bovine Papillomavirus E2 protein at 5000 µg

Lane 3 : Recombinant purified Bovine Papillomavirus E2 protein at 1000 µg

Lane 4 : Recombinant purified Bovine Papillomavirus E2 protein at 500 µg

Predicted band size: 45 kDa

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