

## Product datasheet

# Anti-Cytomegalovirus IE1 72 antibody [IE1.G10] ab30924

### 3 References

#### 製品の概要

製品名	Anti-Cytomegalovirus IE1 72 antibody [IE1.G10]
製品の詳細	Mouse monoclonal [IE1.G10] to Cytomegalovirus IE1 72
由来種	Mouse
特異性	Recognize specifically the major immediate-early (IE) gene products of HCMV IE1-72.
アプリケーション	<b>適用あり:</b> WB, ELISA, IP
免疫原	Recombinant IE1 protein.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.05% Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	IE1.G10
アイソタイプ	IgG

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab30924** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 10 kDa.
ELISA		1/2000 - 1/5000.
IP		Use at an assay dependent dilution.

## ターゲット情報

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### 関連性

Human cytomegalovirus (HCMV) is a member of the beta class of human herpesviruses and is associated with a number of serious medical conditions, particularly in individuals with compromised immune systems. Its genome is the largest of the human herpesviruses (240 kb) and has the capacity to encode over 200 distinct viral gene products. Results from a number of different laboratories have indicated that two of these gene products, the major immediate-early (IE) gene products of HCMV (IE1-72 and IE2-86), are essential viral proteins that regulate expression of a variety of viral and heterologous genes at the level of transcription. IE1-72 and IE2-86 have been demonstrated to act synergistically to mediate transcriptional activation of several viral genes of subsequent kinetic classes, including viral early genes, such as the viral DNA polymerase gene (and other early genes), as well as early-late genes, such as pp65. Both IE1-72 and IE2-86 have the capacity to regulate transcription from viral and cellular promoters through interactions with cellular activator proteins, such as E2F, p53, CAAT-box-binding factor, CREB-binding factor, and probably others.

### 細胞内局在

Nuclear. Host nucleus. Colocalizes with host PML-associated nuclear bodies

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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