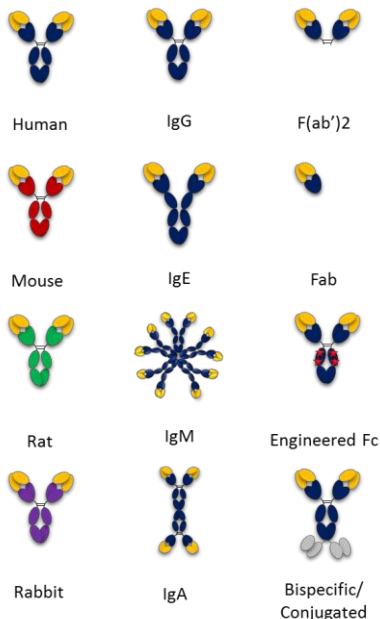


## Recombinant Anti-Virus Antibodies

Absolute Antibody offers a range of recombinant antibodies against viral antigens. The antibodies were generated from a range of sources including classic hybridoma technology, phage-display technology, and the sequencing of (immortalized) B-cells from infected human patients.



### Why go recombinant?

As a result of their recombinant manufacture all our antibodies benefit from minimal batch-to-batch variability, as well as options for customisation.

With our technology, we can rapidly convert any antibody into any format allowing us to offer each of our antibodies in a range of species, isotypes and subtypes. Our customers can choose the antibody format that best suits their experiment.

- ✓ Choose a format that suits your secondary reagent
- ✓ Choose a format that is compatible with your model organism
- ✓ Choose an isotype to investigate your chosen host immune responses (includes IgM and all IgG subtypes)
- ✓ Choose from a range of custom engineering options such as our Fc Silent™ format with reduced FcR binding, or other such formats found in the literature (e.g. IgG1-LALA, IgG1-D265A).

### Anti-Flavivirus Antibodies

Flaviviruses are small, group IV (+)ssRNA viruses commonly transmitted by mosquito or tick bites. These viruses are of widespread clinical importance with the growing incidence of Dengue fever and the recent high-profile outbreak of Zika virus in Central and South America. For researchers working on these viruses, Absolute Antibody offers a pan anti-flavivirus antibody as well as multiple antibodies specific to Zika virus, Dengue Fever, West Nile Virus and Japanese encephalitis.

### Anti-Filovirus Antibodies

Filoviruses are filamentous, group V (-)ssRNA viruses which can cause serious haemorrhagic fever in humans and other primates. The group includes Marburg and Ebola viruses. Anti-filovirus antibodies, as well as antibodies specific to various strains of Ebola, are available to researchers in multiple formats as part of Absolute Antibody's catalogue.

### Anti-Alphavirus Antibodies

Alphaviruses are group IV (+)ssRNA viruses that infect a range of mammals and birds. Our range includes antibodies with specificities against Chikungunya virus, Ross River virus and Human Venezuelan Equine Encephalitis virus.

Other anti-viral antibodies available include ranges specific to coronaviruses (including MERS and SARS), HIV, CMV, Hepatitis B, Influenza virus (multiple strains), Rabies virus and Vaccinia virus – check out our list overleaf.

Can't see your ideal solution? Our catalogue is growing quickly, and we're always looking to add new products. Let us know what you want and we may still be able to help you. Remember: **"If you can describe it, we can make it."**

## List of Anti-Viral Antibodies

Do you have an antibody that would look good in our collection?

We'd love to hear from you! Get in touch at [support@absoluteantibody.com](mailto:support@absoluteantibody.com).

Product Name	Expected Species Reactivity
Anti-Flavivirus group antigen [D1-4G2-4-15 (4G2)]	Dengue Virus; Zika Virus; West Nile Virus; Yellow Fever Virus; Flaviviridae
Anti-DIII domain of Dengue E protein [DV10]	Dengue Virus
Anti-DIII domain of Dengue E protein (DENV-1 and DENV-3) [DV63]	Dengue Virus
Anti-DI/DII domain Dengue E protein [DV78]	Dengue Virus
Anti-DI/DII domain Dengue E protein [DV18]	Dengue Virus
Anti-E-protein trimer (DENV3) [5J7]	Dengue Virus (all subtypes)
Anti-Envelope dimer Epitope 2 [747(4) B7]	Dengue Virus; Zika Virus
Anti-Envelope dimer Epitope 2 [747(4) A11]	Dengue Virus; Zika Virus
Anti-Envelope dimer Epitope 1 [753(3) C10]	Dengue Virus; Zika Virus
Anti-Envelope dimer Epitope 1 [752-2C8]	Dengue Virus; Zika Virus
Anti-JEV virions (E/PrM) [TJE12B02]	Japanese Encephalitis Virus
Anti-WNV Envelope protein DIII [E16]	West Nile virus
Anti-WNV Envelope protein DI-DII [E53]	West Nile virus
Anti-WNV Envelope protein [9E2]	West Nile virus
Anti-NS1 [22NS1]	West Nile virus
Anti-Neutralizing Epitope [ZKA185]	Zika Virus
Anti-Envelope protein [ZKA64]	Zika Virus
Anti-E-protein DIII (LR) [ZV-67]	Zika Virus
Anti-E-protein DIII (C-C') [ZV-64]	Zika Virus
Anti-E-protein DIII (C-C') [ZV-48]	Zika Virus
Anti-Envelope protein [ZKA78]	Zika Virus; Dengue Virus
Anti-Ebola surface glycoprotein [KZ52]	Ebola Virus (Zaire)
Anti-Ebola GP [h-13F6]	Ebola Virus (Zaire)
Anti-Ebola Nucleoprotein [KZ51]	Ebola Virus (Zaire, Ivory Coast, Reston, Sudan)
Anti-Filovirus GP [Mr78]	Marburg Virus; Ebola Virus
Anti-E2 protein [5M16]	Chikungunya
Anti-E2 protein [4J21]	Chikungunya
Anti-E2 protein [Chk265]	Chikungunya; Alphaviruses
Anti-E2 B domain [3b4c-4]	Human Venezuelan Equine Encephalitis Virus
Anti-E2 A domain [F5]	Human Venezuelan Equine Encephalitis Virus
Anti-RRV E2 [D7]	Ross River Virus
Anti-MERS-CoV Spike Protein [D12]	MERS-CoV
Anti-MERS-CoV Spike Protein [4c2]	MERS-CoV
Anti-SARS-CoV S glycoprotein [S231]	SARS Virus
Anti-SARS-CoV S glycoprotein [S230]	SARS Virus
Anti-SARS-CoV S glycoprotein [S228]	SARS Virus
Anti-SARS-CoV S glycoprotein [S227]	SARS Virus
Anti-SARS-CoV S glycoprotein [S226]	SARS Virus
Anti-SARS-CoV S glycoprotein [S225]	SARS Virus
Anti-SARS-CoV S glycoprotein [S223]	SARS Virus
Anti-SARS-CoV S glycoprotein [S222]	SARS Virus
Anti-SARS-CoV S glycoprotein [S217]	SARS Virus
Anti-SARS-CoV S glycoprotein [S215]	SARS Virus
Anti-SARS-CoV S glycoprotein [S124]	SARS Virus
Anti-SARS-CoV S glycoprotein [S110]	SARS Virus
Anti-SARS-CoV S glycoprotein [S109]	SARS Virus

Product Name	Expected Species Reactivity
Anti-HIV-1 protease [F11.2.32]	HIV-1
Anti-HIV-1 GP41 [HK20]	HIV-1
Anti-HIV-1 GP41 [HGF24]	HIV-1
Anti-HIV-1 GP120 [HR12]	HIV-1
Anti-HIV-1 GP120 [HR10]	HIV-1
Anti-HIV-1 GP120 [HJ16]	HIV-1
Anti-HIV-1 GP120 [HGZ1]	HIV-1
Anti-HIV-1 GP120 [HGN194]	HIV-1
Anti-HIV-1 GP120 [HGD65]	HIV-1
Anti-HIV-1/HIV-2 protease [1696]	HIV-1; HIV-2
Anti-HBeAg [E6]	Hepatitis B Virus
Anti-HBsAg [F124 scFv]	Hepatitis B Virus
Anti-HBsAg [5C3]	Hepatitis B Virus
Anti-Influenza A HA [FLD93]	H5N1 Influenza A Virus
Anti-Influenza A HA [FLD84]	H5N1 Influenza A Virus
Anti-Influenza A HA [FLD21]	H5N1 Influenza A Virus
Anti-Influenza A HA [FLD20]	H5N1 Influenza A Virus
Anti-Influenza A HA [FLD127]	H5N1 Influenza A Virus
Anti-H3N2 antigen from influenza A virus [IF1A11]	Influenza A
Anti-Influenza A HA [HA]	Influenza A Virus (several subtypes)
Anti-HA [FE17]	Influenza A Virus (several subtypes)
Anti-HA [FC41]	Influenza A Virus (several subtypes)
Anti-HA [FB75]	Influenza A Virus (several subtypes)
Anti-Hemagglutinin 5 [H5.3]	Influenza virus H5N1 (VN/1203; HK/156; Anhui; Indo)
Anti-Rabies Virus 67kDa protein [GD2D12]	Rabies Virus
Anti-Rabies Virus 67kDa protein [Fab094]	Rabies Virus
Anti-Rabies Virus 67kDa protein [EP5G3]	Rabies Virus
Anti-Poxvirus L1 Protein [Fab 7d11]	Poxviruses
Anti-Vaccinia L1 protein [M12b9 Fab]	Vaccinia virus
Anti-Vaccinia A33 glycoprotein [A2C7]	Vaccinia virus
Anti-A14 [BB5.2]	Vaccinia virus
Anti-GP1 [GD01]	Junin virus (JUNV)
Anti-CMV gH glycoprotein [MSL-109]	Cytomegalovirus (CMV)
Anti-CMV glycoprotein gB [HCMV37]	Cytomegalovirus (CMV)
Anti-Glycoprotein D of HSV [E317]	Herpes Simplex Virus
Anti-Glycoprotein H [A13-d6.3]	pseudorabies virus (PrV)
Anti-V5 epitope tag [SV5-P-K]	Paramyxovirus Simian Virus 5
Anti-pre-fusion confirmation of HRSV F protein [RSB43]	Respiratory Syncytial Virus (RSV)
Anti-pre-fusion confirmation of HRSV F protein [RSB20]	Respiratory Syncytial Virus (RSV)
Anti-pre- and post-fusion conformation of HRSV F protein [RSB16]	Respiratory Syncytial Virus (RSV)
Anti-pre- and post-fusion conformation of HRSV F protein [RSB15]	Respiratory Syncytial Virus (RSV)
Anti-RSV [RSHZ19 (Felvizumab)]	Respiratory Syncytial Virus (RSV)
Anti-SV40 large Tumor Antigen [405]	SV40
Anti-CPV capsid [14]	Canine Parvovirus (CPV)
Anti-dsRNA [9D5]	Group III Virus
Anti-dsRNA [1D3]	Group III Virus
Anti-dsRNA [10G1]	Group III Virus
Anti-Envelope glycoprotein Gc [A5]	Hantavirus
Anti-Norovirus GII.4 [NVB43]	Norovirus

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