

Guide to Selector Filters for Antibodies

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Our filters are key features to quickly focus your search for antibody data to help you design better, more successful experiments

Check out these articles to learn more about applying filters

Search terms you can include in the search bar

What's the difference between using the search bar vs applying filters?

What's the search logic if I apply more than one filter?

Excluding search criteria from your search

Filter type: Application

- Based on **vendor recommendations** or **publication data**
- Narrow down your results based on the type of experiment, such as *western blot*, *immunohistochemistry*, *flow cytometry*, *knockdown*, etc.
 - You can also search with common abbreviations/aliases like *WB*, *IF*, *IHC* or *flow* in the search bar
- Search logic for multiple selections
 - **Product** results = AND (all products must have been used with that context for all selections)
 - **Figure** results = OR (all figure results must contain at least one of the selections)

Filter type: Figure Usage Data

- Narrow down your search results based on **how the product was used in the literature**
- Search logic for multiple selections
 - Applying different **Figure Usage Data** filters = AND
 - Applying multiple within a filter = OR

	Description	Example
<u>Organism Tested</u>	Species of the cell/tissues/animal model an experiment was performed in. This filter also shows a list of aliases/synonyms (ex. <i>homo sapiens</i> will be grouped under <i>human</i>).	Human Drosophila

Tissue Used	Type of tissue that experiments were performed in	Liver Lung
Cell Type Used	Cell type that the experiments were performed in	Epithelial Neuron
Cell Line Used	Specific names of cell lines that experiments were performed in	HEK293 HeLa cells
Disease	Disease context that experiments are associated with	Breast cancer Chronic kidney disease

Filter type: Supplier

- Narrow down results based on information **about the vendors/suppliers**
- Search logic for multiple **Company** selections: OR (the product or figure results need to match at least one of the companies)

	Description
Availability	This filter hides discontinued or commercially unavailable products—the default option is that all products are shown
Company	The vendor that sells the product — choose or exclude preferred vendors

Filter type: Antibody Specs

- Search logic for multiple selections for both product and figure results
 - AND: **Reactivity, CloneID, Target PTM, Additional Specs, Kits**
 - OR: **Verification, Host, Isotype, Specificity, Clonality, Conjugation**

	Description	Examples
<u>Verification</u>	Filter for antibodies that have verification data from vendors, third-party sources, or — in some cases — the literature associated with them	Genetic Overexpression
Reactivity	The species of the target protein that the antibody will bind according to the vendor. There is likely some overlap with the figure usage data filter , <u>Organism Tested</u> .	Mouse Rat
Host	The species of animal used to raise/produce the antibody	Donkey Rabbit
<u>Isotype</u>	Search for specific classes of antibodies such as <i>IgA</i> and <i>IgM</i> or for light chain variations (e.g. kappa, lambda), subclasses (e.g. <i>IgG1-4</i>), or homologs (e.g. <i>IgG2A</i> , <i>IgG2B</i> , <i>IgG2C</i>).	IgG IgG lambda IgG2a
<u>Immunogen</u>	Find antibodies with known, vendor-provided immunogen sequence information	

Clonality	Clonality of the antibody	Monoclonal Polyclonal
<u>CloneID</u>	The identification number (also called clone number) for the hybridoma cell line that produces a single type of antibody	Clone D7 1A8
<u>Target PTM</u>	Post-translational modification (PTM) for protein target. If available, there are also options for particular amino acid residues that have PTMs.	Phosphorylated Methylated
Conjugation	Conjugation (labelling) of the antibody to an indicated reporter or tag	AlexaFluor dyes Horseradish peroxidase
Specificity	Vendor-indicated specificity of the antibody for a region of the protein	C terminus Full length
<u>Additional Specs</u>	Miscellaneous vendor-indicated properties of the antibody that may affect suitability in your experiments — especially how it was purified and storage conditions	Affinity purified Azide free
<u>Kits</u>	Kits that contain an antibody component	ELISA