

Thermo Fisher Scientific is the leading antibody supplier offering the most antibodies with advanced specificity validation

According to a 2022 analysis of supplier antibody validation* by CiteAb, Thermo Fisher leads the industry with over 11,000 antibodies with enhanced specificity validation.

Antibody specificity validation remains a top concern for researchers, and antibody reproducibility is something we take seriously. In addition to our high standards for manufacturing, we are working to validate these important research reagents across multiple applications. We believe it is critical to show specificity

beyond just a single method, such as CRISPR gene knockouts in western blotting. Over time, we have implemented multiple specificity tests so that researchers can trust our antibodies in relevant applications.

Learn more and review the findings at [blog.CiteAb.com](https://blog.citeab.com). CiteAb is an independent data company with comprehensive coverage of RUO antibody reagent and publication data.

Commitment to antibody specificity and reproducibility

Antibodies are some of the most widely used research reagents in the lab. Poor specificity or application performance can significantly hinder your ability to obtain good results, which can cause critical delays.

Thermo Fisher Scientific is working to redefine antibody performance standards with a comprehensive approach to how antibodies are evaluated and validated.* Specificity testing is combined with extensive application validation data to provide confidence that our high-quality antibodies will help enable superior performance in your research.

Standard antibody validation

Testing to help ensure the antibody works in a particular application(s) of interest, which may include, but are not limited to:

- Western blotting
- IHC
- ICC and IF
- Flow cytometry
- ELISA
- ChIP
- IP

Advanced Verification

Testing to help ensure the antibody specifically binds the correct target in the application(s) of interest, which may include:

- Knockout
- Knockdown
- Independent antibody validation
- Cell treatment
- Relative expression
- Neutralization
- Peptide array
- SNAP-ChIP® validation
- Immunoprecipitation-mass spectrometry (IP-MS)



Advanced Verification

You can easily identify antibodies that have already undergone this **additional testing** with the Advanced Verification badge. This badge can be found in antibody search results and on appropriate antibody product webpages. The **additional data** supporting the Advanced Verification status can be found in the product-specific data image galleries.

* The use or any variation of the word "validation" refers only to research-use antibodies that were subject to functional testing to confirm that the antibody can be used with the research techniques indicated. It does not ensure that the product(s) was validated for clinical or diagnostic use.

Learn more about our testing standards at thermofisher.com/antibodyvalidation

