

IHC-validated carrier-free antibodies to de-risk your multiplexing assays

Antibody selection for multiplex IHC is complicated, expensive, and time-consuming because determining a panel of antibodies that will work together in multiplex IHC is challenging. At Abcam, we believe the scientific community can go further, faster when we go there together.

De-risk your antibody selection by choosing from our extensive catalog of award-winning IHC antibodies.



We want to ensure we can get the exact same quality of antibodies for every experiment, so we don't have to optimize and validate our antibody batches again and again.

We've tested hundreds of antibodies so far, and the abcam carrier-free recombinant antibodies have been the most reliable for us. These antibodies consistently have a really high percentage of recovery after metal conjugation.

Daniela Quail

Rosalind and Morris Goodman Cancer Institute

Why use IHC-validated carrier-free antibodies?

- ✓ More than **13,000 carrier-free antibodies** (including over 5000 antibodies extensively validated in IHC)
- ✓ **Recombinantly** manufactured antibodies for batch-to-batch **consistency**
- ✓ **Scalable** and reliable **long-term supply**
- ✓ BSA, sodium azide, and glycerol-free for **consistent conjugation**
- ✓ **Compatible** with a variety of **different labels** such as fluorochromes, metal isotopes, oligonucleotides, and enzymes
- ✓ **Easily conjugate** to over **50 labels** with our **Lightning-Link®** conjugation kits



Enhanced validation of our antibodies for enhanced confidence in your results

To meet the evolving needs of research on tissue-based biomarkers and diagnostic development, we have introduced enhanced IHC validation into our extensive validation efforts. Clones are initially validated against over 50 tissue types across three species (mouse, human, and rat). Our pre-validated clones subsequently undergo rigorous high-throughput testing using several control methods, such as peptide blocking, overexpression and knock-out FFPE cell lines, and in-house built tissue microarrays to test against up to 600 disease cases to ensure specificity and reliability. Our detailed datasheets include high-quality images, antigen retrieval conditions, optimal starting dilutions, guaranteed applications, and other essential notes to support your research.

Our enhanced validation gives you an extra level of confidence in an antibody clone

- ✓ Detailed IHC expression profiles for promising immuno-oncology targets
- ✓ Extensive assessment of human FFPE normal tissues and cancer tissue microarrays
- ✓ Provides additional data on the specificity and sensitivity of our recombinant antibodies
- ✓ Provide an optimized protocol for IHC testing
- ✓ Precision antibodies for IHC validated in healthy and cancerous human tissues, and mouse and rat tissues
- ✓ Enhanced IHC validation for clinically relevant targets, including PRAME, STING, Claudin, and B7H4



Scan to view our range
of carrier-free antibodies



Scan to learn more about our
enhanced IHC-validated antibodies