Enhanced validation is the extra layer of security in antibodies validation.

This symbol on the antibody’s page indicates that the antibody is enhanced validated, meaning that it is validated in an application and context-specific manner.

Each enhanced validation method is represented with a specific icon.

Let’s take a look at the 5 methods!

1. Validation by Independent Antibody
Validation is achieved when two antibodies targeting different epitopes on the same protein gave equivalent results.

2. Orthogonal Validation
Validation is achieved when the protein detected by the antibody is equivalent to the protein detected with an antibody independent method.

3. Recombinant Expression Validation
Validation is achieved when the signal from the over-expressed protein matches the unmodified endogenous target protein.

4. Genetic Validation
Antibody specificity is confirmed by SIHA. Validation is achieved when the antibody signal corresponds to the level of the transduced gene.

5. Migration Capture MS Validation
Validation is achieved when the antibody detects the same protein detected by mass spectrometry.

Watch this video to learn more about enhanced validation.