

5 ENHANCED VALIDATION

MORE REASONS
TO TRUST OUR ANTIBODIES

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 GIVE EQUIVALENT RESULTS.

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2. ORTHOGONAL VALIDATION

VALIDATION IS ACHIEVED WHEN THE PROTEIN DETECTED BY THE ANTIBODY IS EQUIVALENT TO THE PROTEIN DETECTED WITH AN ANTIBODY-INDEPENDENT METHOD.

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3. RECOMBINANT EXPRESSION VALIDATION

VALIDATION IS ACHIEVED WHEN THE SIGNAL FROM THE OVER-EXPRESSED PROTEIN MATCHES THE UNMODIFIED ENDOGENOUS TARGET PROTEIN.

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4. GENETIC VALIDATION

ANTIBODY SPECIFICITY IS CONFIRMED BY SIRNA. VALIDATION IS ACHIEVED WHEN THE ANTIBODY SIGNAL CORRESPOND TO THE LEVEL OF THE KNOCKDOWN GENE.

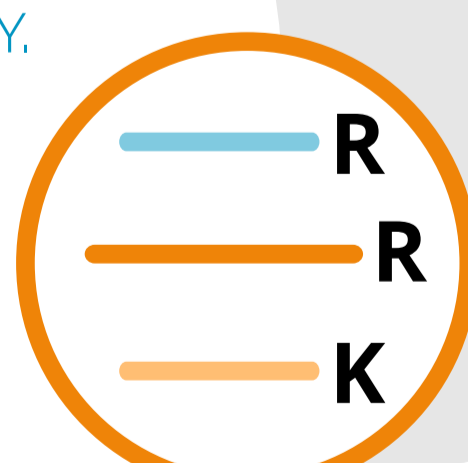
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5. MIGRATION CAPTURE MS VALIDATION

VALIDATION IS ACHIEVED WHEN THE ANTIBODY DETECTS THE SAME PROTEIN DETECTED BY MASS SPECTROMETRY.

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TO LEARN MORE ABOUT
ENHANCED VALIDATION**



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