

Recombinant Chicken Chimeric Antibodies

We are excited to announce the release of a new line of recombinant chimeric chicken versions of many of our top selling NeuroMab mouse monoclonal antibodies.

Advantages of Our Recombinant Chicken Chimeric Antibodies

1. **Reproducibility:** Because they are recombinant, chimeric chicken antibodies offer a consistent and reproducible source of antibody.
2. **Animal-friendly:** Our chicken chimerics are produced in cultured mammalian cells using serum-free and protein-free growth medium. No animals are used in their production.
3. **Known binding properties:** The mouse variable regions – which contain the antigen binding sites – are from well-characterized and highly-validated NeuroMab antibodies.
4. **Reduced background:** Using mouse antibodies on mouse samples can be problematic if the mouse secondary antibodies react with endogenous mouse IgG. Chimeric chicken primaries use an anti-chicken secondary, greatly reducing background signal.
5. **Easier multiplexing:** The use of a unique species such as chicken allows researchers to perform a triplex immunofluorescence experiment alongside the standard mouse and rabbit primaries without worrying about the cross reactivity of another mammalian antibody.

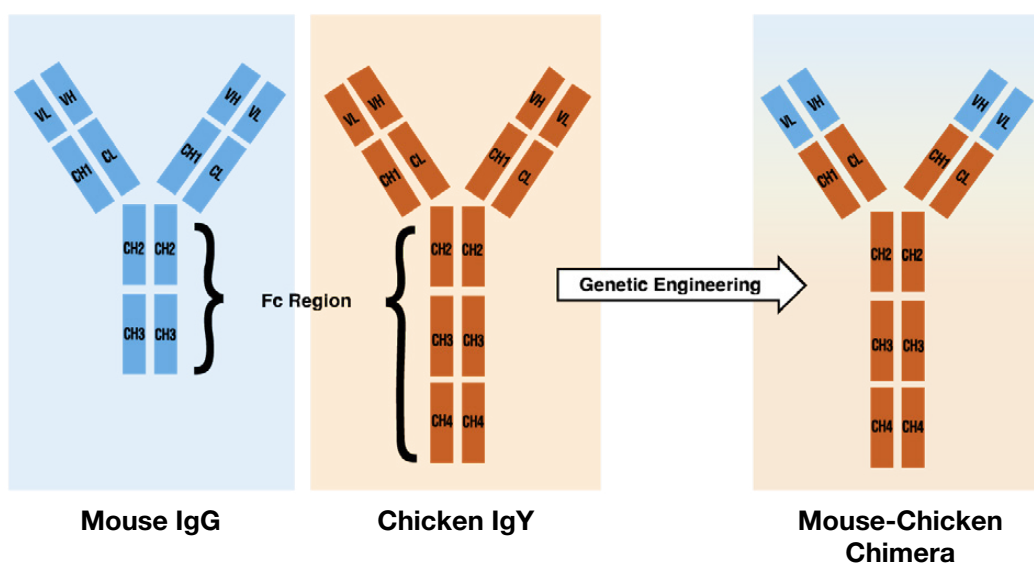
Newly Released and Launching Soon Recombinant Chicken Chimeric Antibodies

Fall 2024	Winter 2024	Winter 2025	Spring 2025
Anti-TMEM119	Anti-PSD95 MAGUK	Anti-GFP (IgG2a)	Anti-GluA1/GluR1
Anti-GFAP	Anti-VGlu1	Anti-c-Fos	Anti-GluA2/GluR2
Anti-Aldh1L1	Anti-VGlu2	Anti-Arl13b	Anti-GluN2B/NR2B
Anti-CALB1/calbindin	Anti-GAD65/67	Anti-B4 Spectrin	Anti-NR2A
Anti-Parvalbumin	Anti-VGAT	Anti-LRRK2/Dardarin (IgG2a)	Anti-NR1
Anti-CALB2	Anti-Bassoon	Anti-Nav1.1 Na ⁺ Channel	Anti-NR2B
	Anti-Homer1	Anti-Ankyrin G	Anti-RGS14
			Anti-Olig1
			Anti-VACHT

About Our Recombinant Chicken Chimeric Antibodies

What are chimeric antibodies? A chimeric antibody is a recombinant hybrid antibody that combines domains from different species, such as mice and chickens, to create an antibody with improved functionality. On the immunoglobulin molecule, either the Fc region or the entire constant region of a mouse mAb may be replaced with that of a chicken (or other species) antibody, while the variable regions remain the same.

Creation of a recombinant chicken chimeric antibodies by combining mouse IgG variable domains with chicken IgY constant domains



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