WesternFroxx Kit anti-Mouse HRP	5555KT040	2 x 40 ml
For one-step immunoblotting; contains WesternFroxx	5555KT120	2 x 120 ml
solution with anti-Mouse-HRP and 10X washing solution	5555KT500	2 x 500 m
WesternFroxx Kit anti-Rabbit HRP	6666KT040	2 x 40 ml
For one-step immunoblotting; contains WesternFroxx	6666KT120	2 x 120 ml
solution with anti-Rabbit-HRP and 10X washing solution	6666KT500	2 x 500 m
WesternFroxx washing solution, 10X	5570ML500	500 ml
ECL-Froxx Kit	5560KT060	2 x 60 ml
	5560KT120	2 x 120 ml
	5560KT500	2 x 500 ml
CrossFroxx	1056ML050	50 ml
Buffer for minimizing nonspecific binding, cross-reactivities	1056ML125	125 ml
and matrix effects in immunoassays	1056ML500	500 ml
Casein blocking solution	1080ML050	50 ml
	1080ML125	125 ml
	1080ML500	500 ml
Peptide blocking solution	1095ML125	125 ml
	1095ML500	500 ml
BSA blocking solution	1550ML125	125 ml
	1550ML500	500 ml
10X PBS washing solution	1559ML500	500 ml
Stripping buffer	1621ML050	50 ml
	1621ML125	125 ml
	1621ML500	500 ml



with WesternFroxx

Blocking Primary antibody Secondary antibody

One Solution – One Step – WesternFroxx



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I Industries

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WesternFroxx for Immunodetection – What is it and how does it work?!

Geossample WesternFrox Solution 2 (anti rabbit-MRP) Storage 2 - 9°C 20 mi Zio Connectione

WesternFroxx enables **immunodetection in one step with one solution only!** Blocking and binding of the primary and secondary antibody occur simultaneously with highest specificity and sensitivity! And the conventional incubation time can even be reduced to 15-60 minutes. Blotting procedure, membranes and signal detection do not have to be modified with WesternFroxx. The only preparation: the user has to add his or her specific primary antibody to WesternFroxx Solution 2 – and here we go! After incubation with the antibody containing WesternFroxx Solution 2, the membrane is finally washed with the provided washing solution (Solution 1), and proteins are detected by ECL or other HRP substrates. WesternFroxx is available as anti-Mouse-HRP (order number 5555) and anti-Rabbit-HRP (order number 6666).

Standard protocol



WesternFroxx protocol



*15 - 60 min of incubation with WesternFroxx Solution 2 + primary antibody

Before you start

- Transfer your proteins to the membrane of choice (PVDF, nitrocellulose) as usually
- Dilute the provided 10X washing buffer (Solution 1) with water
- Add your primary antibody into 20 ml of WesternFroxx Solution 2. The final concentration of the antibody should be 0.2 to 0.5 micrograms / ml

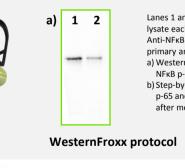
Experimental protocol

- Wash the membrane 3 x 5 min. while shaking with 20 ml of 1 x Solution 1 (minigel)
- Incubate the membrane with WesternFroxx Solution 2 (containing your primary antibody of choice) for 15 min. to 1 hour.
- Coution! The WesternFroxx solution can be reused up to 5 times. Keep it in the fridge.
- Wash the membrane again for 3 x 5 min with 1X Solution 1
- Start the detection with ECL-Solution (we recommend ECL-Froxx, order number 5560).

Result

Maximum protein detection with minimal time expenses

- clear bands without background noise! WOW!



Lanes 1 and 2 contain 10μl of HepG2 cell lysate each; 1:5 (1) and 1:10 (2) diluted.
Anti-NFkB p-65 (200 ng/ml) was used as primary antibody.
a) WesternFroxx Anti-Rabbit HRP/ anti-NFkB p-65; 1h of incubation.
b) Step-by-step incubation with anti-NFkB p-65 and anti-rabbit-HRP for 1h each after membrane blocking.



Standard protocol

Conclusion

- Easy to work with
- Incredibly fast
- reduced background; no non-specific reactions
- High sensitivity
- reproducible results