

This product is **for research use only** (not for diagnostic or therapeutic use)

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product **AS09 411**  
**DIG | digoxigenin**

## product information

background	<b>Digoxigenin (DIG)</b> is a steroid found exclusively in the flowers and leaves of the plants <i>Digitalis purpurea</i> and <i>Digitalis lanata</i> . It is a hapten of high immunogenicity which has been used in many molecular biology applications. DIG is related to digoxin, the cardiac glycoside used for the treatment of various heart diseases.
immunogen	<u>KLH</u> -conjugated digoxin-3-CMO
antibody format	sheep; polyclonal; total IgG in PBS pH 7.2 + 0.1 % sodium azide; liquid
quantity	1 ml
storage	store at 4°C. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
tested applications	Western blot (WB), ELISA (ELISA), immunohistochemistry - frozen sections (IHC-fr)
additional information	this antibody recognizes digoxigenin, a steroid found in plants. DIG is a standard immunohistochemical marker for in situ hybridization.

## application information

recommended dilution	1: 100 - 1: 5000 (ELISA)
expected   apparent MW	n.a.
confirmed reactivity	digoxigenin, digoxin and digitoxin; negligible reactivity has been observed with ouabain.
predicted reactivity	digoxigenin
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	approx. protein concentration 5 mg/ml
selected references	to be added when available