





	TENCY
Specific immunoglobulins – anti-D immunoglobulins	
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Mechanism of action



- The mechanism by which anti-D immunoglobulin suppresses immunisation to Rh(D)-positive red cells is not known.
- Suppression may be related to the clearance of the red cells from the circulation before they reach immunocompetent sites or, it may be due to more complex mechanisms involving recognition of foreign antigen and antigen presentation by the appropriate cells at the appropriate sites in the presence or absence of antibody.







Clinical trials

- Cannot be examined using classical principles of clinical trials.
- Surrogate markers should be measured using appropriate methods and time intervals:

- Absence of anti-D antibodies in the serum of Rh(D) negative women 3-6 months after the delivery of the Rh(D) positive baby.
- Human anti-D immunoglobulin for intramuscular use has not been associated with risks of TEE (thromboembolic events), thus MAHs have not been required to investigate and remove potential procoagulant agents.
- These products can be administered to patients with high risk of thrombosis.
- Therefore, in order to proactively prevent any potential risks in this specific population, manufacturers are encouraged to investigate potential procoagulant activity in their product and if present consider whether levels could be reduced.

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Thank you for your attention Further information: <u>haemwpsecretariat@ema.europa.eu</u> Thanks: HAEMWP experts and Ole Weis Bjerrum

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