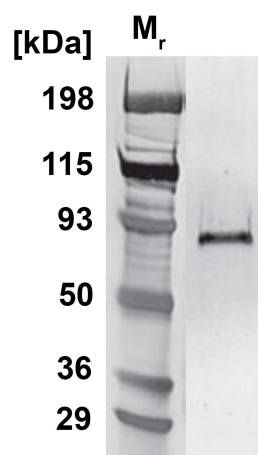


Endo-1,4- β -glucanase (EC3.2.1.4), mouse monoclonal antibody [clone EC4]

Product code	ID2580-0025 / ID2580-0100
Unit size	25 μ L / 100 μ L
Concentration	See batch specific Certificate of Analysis
Alternative name	No
Clone	EC4
Host	Mouse
Immunogen	Endo-1,4- β -glucanase from <i>Trichoderma viride</i>
Isotype	IgG2a
Purification	Protein A
Applications	ELISA, WB
Recommended dilution	1:1000
Optimisation	Optimal dilutions to be determined by end user
Known reactivity	Endo-1,4- β -glucanase from <i>Humicola insolens</i> , <i>Trichoderma viride</i> , <i>Trichoderma reesei</i> , and <i>Trichoderma longibrachiatum</i>
Storage buffer	Phosphate buffered saline pH7.2 with 0.095% (w/v) sodium azide
Shipping	Blue ice
Storage temperature	Store as supplied at +2°C ~ +8°C for up to 1 year
Reference	Thornton, CR. (2005). Use of monoclonal antibodies to quantify the dynamics of α -galactosidase and endo-1,4- β -glucanase production by <i>Trichoderma hamatum</i> during saprotrophic growth sporulation in peat. <i>Environmental Microbiology</i> 7 : 737-749.



Legend: Western blot of *Trichoderma viride* endo-1,4- β -glucanase using mAb EC4. The enzyme was separated by denaturing SDS-PAGE and transferred electrophoretically onto PVDF membrane. The membrane was probed with mAb EC4 followed by goat anti-mouse IgG (whole molecule) alkaline phosphatase conjugate. The antibody binds to a single band at ~90kDa, consistent with the known molecular weights of fungal endo-1,4- β -glucanases.

UNLESS OTHERWISE STATED IN OUR CATALOG OR OTHER COMPANY DOCUMENTATION ACCOMPANYING THE PRODUCT(S), OUR PRODUCTS ARE INTENDED FOR RESEARCH USE ONLY (RUO) AND ARE NOT TO BE USED FOR ANY OTHER PURPOSE, WHICH INCLUDES, BUT IS NOT LIMITED TO, UNAUTHORIZED COMMERCIAL USES, *IN VITRO* DIAGNOSTIC USES, *EX VIVO* OR *IN VIVO* THERAPEUTIC USES OR ANY TYPE OF CONSUMPTION OR APPLICATION TO HUMANS OR ANIMALS.