$$[axiom] \overline{\vdash a, a^{\perp}} \qquad [axiom] \overline{\vdash b, b^{\perp}}$$

$$[\otimes] \frac{}{\vdash a^{\perp}, b^{\perp}, (a \otimes b)}$$

$$[\,\Im\,] \frac{}{\vdash (a \otimes b), (b^{\perp} \,\Im\, a^{\perp})}$$